AAAI 2017 Job Fair

Employer Job Ads

Sponsored by:

The Association for the Advancement
of Artificial Intelligence (AAAI)

The Association for Computing
Machinery (ACM)
Special Interest Group on
Artificial Intelligence

Index of Employers

ALICE (Artificial Intelligence Construction Engineering) 4
Allen Institute for Artificial Intelligence 5
Amazon 6
ASAPP 7
BMW Group 8
ByteDance 9
Capital One 10
Cheetah Mobile 11
Cogitai 12
Disney Research 13
Dropbox 14
Facebook 15
Ford Motor Company 16
General Motors R&D 17
IBM Research 18
iPIN 19
Kyndi 20
Kyushi University 21
Lawrence Livermore National Laboratory 22
Maluuba Research 23
Mercedes Benz 24
Nanyang Technological University 25
National University of Singapore 26
Northrop Grumman 27
Optimized Markets 28
PROWLER.io 29
Rocket Fuel 30
SAIC USA 31
Samsung Electronics 32
Siemens 33
Singapore Management University 34
SoarTech 35
Television Content Analytics 36
Tencent 37
Tinder 38
United Technologies Research Center 39
University of Kentucky 40
USC Information Sciences Institute 41

ACM SIGAI Student Essay Contest on the Responsible Use of AI Technologies

win one of several $500 monetary prizes or a skype conversation with Murray Campbell, Eric Horvitz, Peter Norvig, Stuart Russell or Michael Wooldridge

The ACM Special Interest Group on Artificial Intelligence (ACM SIGAI) supports the development and responsible application of Artificial Intelligence (AI) technologies. An increasing number of AI technologies now affect our lives (or soon will), from intelligent assistants to self driving cars. As a result, AI technologies are often in the news and a number of organizations (including the U.S. government) are trying to ensure that AI technologies are being used for the maximum benefit of society. As with all potentially transformative technologies (such as the automobile and the transistor), there is some uncertainty about exactly how the future will look like and how it should best be shaped to harness the power of AI technologies while avoiding any drawbacks or misuses. Googling “Artificial Intelligence,” for example, reveals a lot of interesting recent headlines and opinions about AI technologies. Here are some of them:

- The pros and cons of using a robot as an investment adviser
- Robots can kill and deliver beer. Do we need humans?
- Should your driverless car hit a pedestrian to save your life?
- As Artificial Intelligence evolves, so does its criminal potential
- Facebook touts AI benefits as job risks loom

ACM SIGAI is in a unique position to shape the conversation around these and related issues and interested in obtaining input from students worldwide to help shape this debate. We therefore invite all students to enter an essay in the ACM SIGAI Student Essay Contest, to be published in the ACM SIGAI newsletter “AI Matters,” answering the following questions while providing supporting evidence:

What do you see as the 1-2 most pressing ethical, social or regulatory issues with respect to AI technologies? What position or steps can governments, industries or

alice

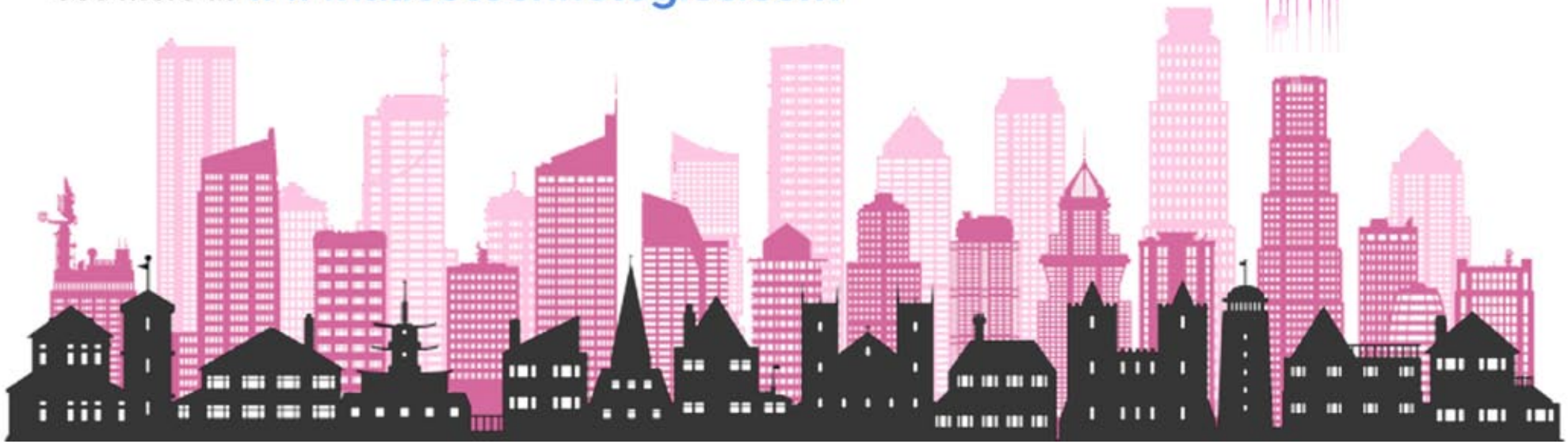
ArtificiaL Intelligence Construction Engineering

Join us and help build the world's first artificial intelligence tool to optimize the $7.3 trillion construction industry.

Current opportunities

- -- Senior Web Product Engineer
- -- Optimization & Scheduling Algorithm Specialist

See more at www.alicetechnologies.com



ALLEN INSTITUTE *for* ARTIFICIAL INTELLIGENCE

AI FOR THE COMMON GOOD

ALLENAI.ORG

The core mission of The Allen Institute for Artificial Intelligence (AI2) is to contribute to humanity through high-impact AI research and engineering. We will do this by constructing AI systems with reasoning, learning and reading capabilities. Modeled after the successful Allen Institute for Brain Science, and under the leadership of former UW professor Dr. Oren Etzioni, AI2 is becoming a major, long-term player in the field, bringing together world-class researchers and engineers to achieve significant impact. AI2 offers the unique opportunity to work in a research-focused environment without the pressure of grant-writing and is recruiting top talent to join our team.

STRUCTURE

AI2 includes four key, interlinked elements:

- World-class research and development;
- Creation of open source data and resources for the community;
- Activities to energize the wider community and help foster breakthroughs;
- Support for critical but under-explored research

CURRENT PROJECTS

PROJECT ARISTO

Project Aristo is a major new initiative towards building knowledgeable machines, focused on semi-automatic knowledge-base construction, natural language processing, large-scale machine reasoning, and question answering. The research goals are to develop techniques for rapidly accumulating knowledge, in particular using "machine reading" techniques over text, and to develop the corresponding technologies for reasoning effectively and explicably with that knowledge.

PROJECT EUCLID

Project Euclid is a project focused on understanding and solving mathematical word problems and diagram-based geometry problems. The project integrates both diagram understanding and natural language understanding and seeks to create state-of-the-art solvers for both problem types. Even in the initial stages, our geometry solver, which focuses on diagram-based high school geometry problems, has already outperformed all similar solvers.

PROJECT PLATO

Project Plato is a ground-breaking research project on visual knowledge extraction that capitalizes on the wealth of information available in images. Project Plato aims to create knowledge bases comprised entirely of information derived from images, both static and video. The project integrates large scale detection and image understanding with natural language processing to extract information from visual data.

SEMANTIC SCHOLAR

Semantic Scholar, launched in late 2015, is a powerful engine for searching scientific literature. Academic publications are growing exponentially, and it is becoming increasingly difficult to "cut through the clutter". Semantic Scholar addresses this problem by leveraging cutting edge AI techniques. Presently, Semantic Scholar searches over 4M computer-science publications, and will extend to the field of neuroscience in late 2016.

OUR CULTURE

TRANSPARENT

We believe in both internal and external transparency. We strive to contribute well-engineered, easy-to-use systems to the research community.

COLLABORATIVE

We work shoulder-to-shoulder as teams consisting of both engineers and researchers with minimal hierarchy and maximum creativity.

GOAL ORIENTED

We take an ambitious, results-oriented approach to our work. We welcome creative approaches to problem-solving but are rigorous in measurements.

amazon

WE'RE WORKING ON THE **FUTURE**

WE PIONEER

We're a company of pioneers. It's our job to make bold bets, and we get our energy from inventing on behalf of customers. Success is measured against the possible, not the probable. For today's pioneers, that's exactly why there's no place on Earth they'd rather build than Amazon.

APPLY TODAY

We are hiring intern and full-time Applied Scientists and Engineers around the world.

Team Spotlights

Amazon Robotics
Lab 126
Amazon Search/A9
Amazon Music
Alexa
Smart Home
Amazon Go
Selection & Catalog Systems
AWS Deep Learning
Fulfillment Technologies
Prime Air
Core Machine Learning
Amazon Rekognition
Personalization Sciences
Voice & Advanced Shopping

Email your resume to
AAAI2017@amazon.com

ASAPP
304 Hudson St, Suite 505
New York, NY 10013

WHO ARE WE?

Our short-term goal is simple: Make customer service awesome for consumers and cheap for companies.

How? By reinventing a tool used by every American today, saving big American companies hundreds of millions of dollars a year in the process, and (most importantly) laying the foundation for revolutionizing all of human-computer interaction.

We are tackling this problem today because it gives us the three things required for our long term vision of seamless human-machine interaction everywhere: immense amounts of labeled interaction data (e.g text conversations, voice recordings, etc), world-class NLP expertise, and revenue to fund it all.

We're over a year into our venture, and we have a serious round of funding, a working suite of products, live clients, and a leading team of 30+ with a breadth of talents.

ML / NLP ENGINEER

To build state of the art NLP and ML products that help customer service agents work far more effectively than they do today, we need strong engineers with a deep understanding of machine learning concepts. Our ML / NLP engineering team creates scalable systems to continuously train models; implements tools that enable quick iteration and experimentation on new models; and works closely with our science team to transform theory into reality.

DATA SCIENTIST

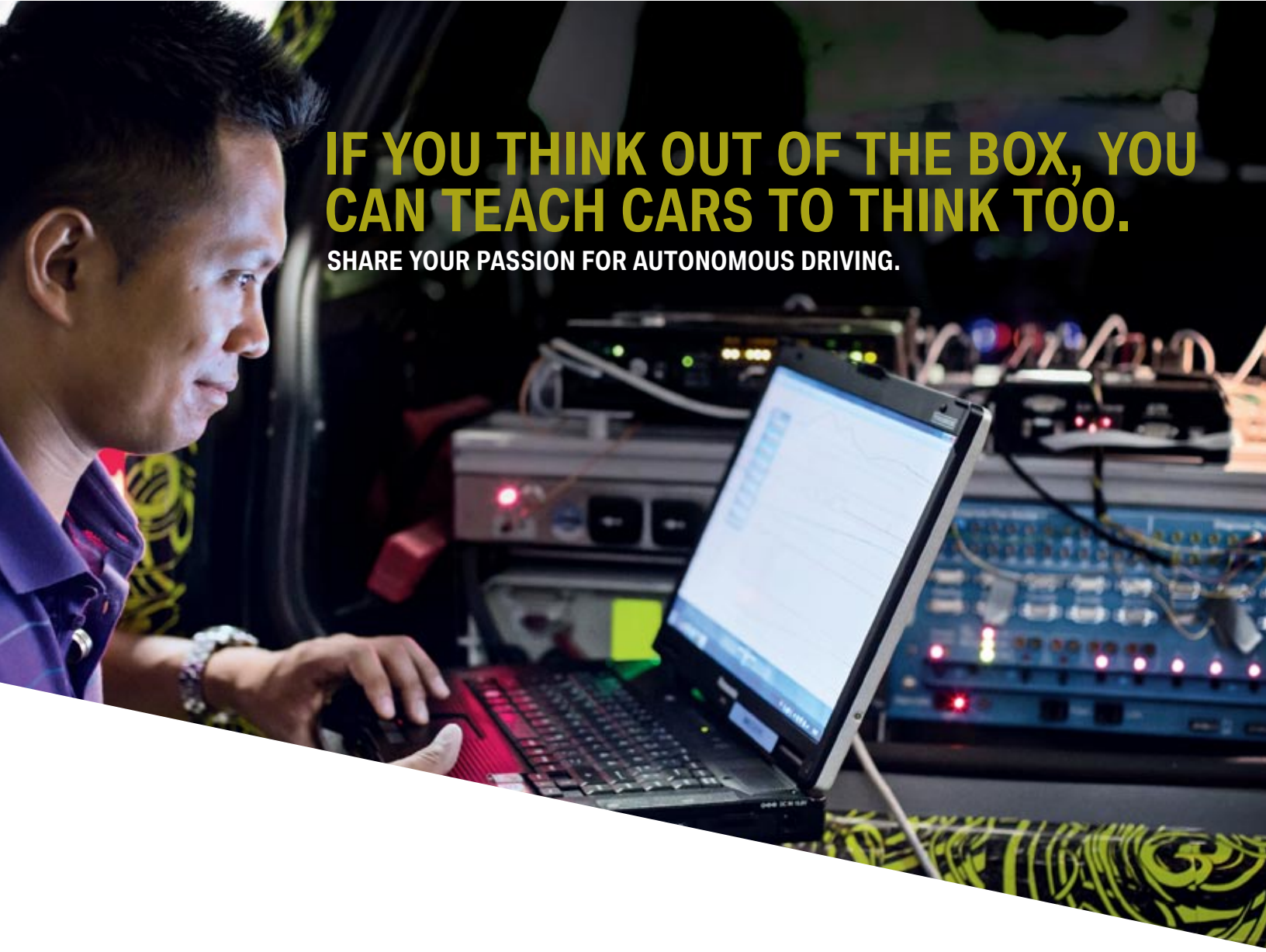
Our clients give us massive amounts of data so that we can build state of the art NLP and ML tools to improve their customer experience. In order to effectively leverage that data, we first need to thoroughly understand it. For that, we need data scientists with a keen grasp of statistics and machine learning concepts who are also passionate about diving into domain-specific data sets and making sense out of seeming chaos.

LOCATION

We are conveniently located in the SoHo neighborhood of New York.

CONTACT

Visit http://www.asapp.com or find Dr. Fritz Heckel (fwph@asapp.com) at AAAI 2017 to learn more.



To revolutionise the future of mobility, one has to go ahead and set standards today. Intelligent technologies that are increasingly taking over driving tasks and providing greater safety and comfort are already in use in our vehicles. Increasing our lead in autonomous driving will need visionary thinkers and creative developers. Specialists in the fields of machine learning, artificial intelligence, sensor technology and software development will work in expert teams, in centers of excellence networked around the world, to redefine the limits of what is possible.

Our team is currently seeking:

- 108680 - Machine Learning Engineer for Autonomous Driving
- 108681 - Data Engineer Machine Learning for Autonomous Driving
- 108682 - Robotics Engineer
- 108683 - Reinforcement Learning Engineer
- 108684 - Software Developer for Autonomous Driving
- 105395 - Senior Algorithm Developer Autonomous Driving
- 108685 - Expert Computer Vision
- 105397 - Lead Engineer Environment Model Autonomous Driving

Apply online at **bmw.jobs/AAAI-17** and join our team! You can find out more about us as an employer, our entry programmes and other job opportunities at **www.bmwgroup.com/careers**.

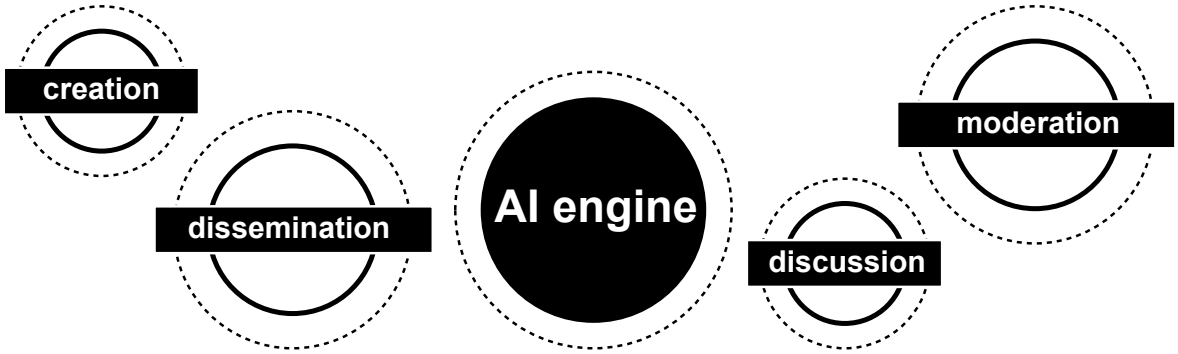
BMW GROUP THE NEXT 100 YEARS

Rolls-Royce Motor Cars Limited

ByteDance 字节跳动 头条

Mission

Founded in March 2012, Beijing Bytedance's mission is to seamlessly connect people with information. Its flagship product, Toutiao, is employing AI technologies to deliver personalized news and information to 700 millions of total registered users. More than 440 thousands self-publishers are creating content in a variety of genres, such as news, short stories, edited pictures, videos, etc.



Research at Toutiao

Bytedance's research arm, Toutiao Lab at Beijing invites applicants for researchers and software engineers at all levels. Toutiao Lab's mission is to conduct to cutting-edge research in artificial intelligence, and to transfer latest technologies to our products for better serving hundreds of millions of users. We aim at pushing the boundary of human knowledge on machine intelligence. We are looking for exceptional individuals from all area of artificial intelligence, who have a track record of research excellence or rich experience of building AI systems, a passion to shape the future of AI, and the potential to become an outstanding leader in the field.

Goals

- Creating intelligent machines that understand information in depth (text, images, videos, comments, etc.) to better serve our users with what they like
- Developing large scale machine learning algorithms for personalized information recommendation

Areas of Interest

- Machine Learning
- Recommendation System
- Natural language processing and understanding
- Computer vision
- Data mining
- Human computer interaction interface

Join Us (Beijing)

Research Scientist at Toutiao Lab
Software Engineers at Toutiao Lab
Recommendation System Engineer at Toutiao
Text Mining and Retrieval Engineer at Toutiao

Send Email to: hr@bytedance.com

Capital One is hiring AI professionals. At Capital One, we're building a leading information-based technology company. Still founder-led by Chairman and Chief Executive Officer Richard Fairbank, Capital One is on a mission to help our customers succeed by bringing ingenuity, simplicity, and humanity to banking. We measure our efforts by the success our customers enjoy and the advocacy they exhibit. We are succeeding because they are succeeding.

Capital One is seeking highly-motivated professionals for the following open roles:

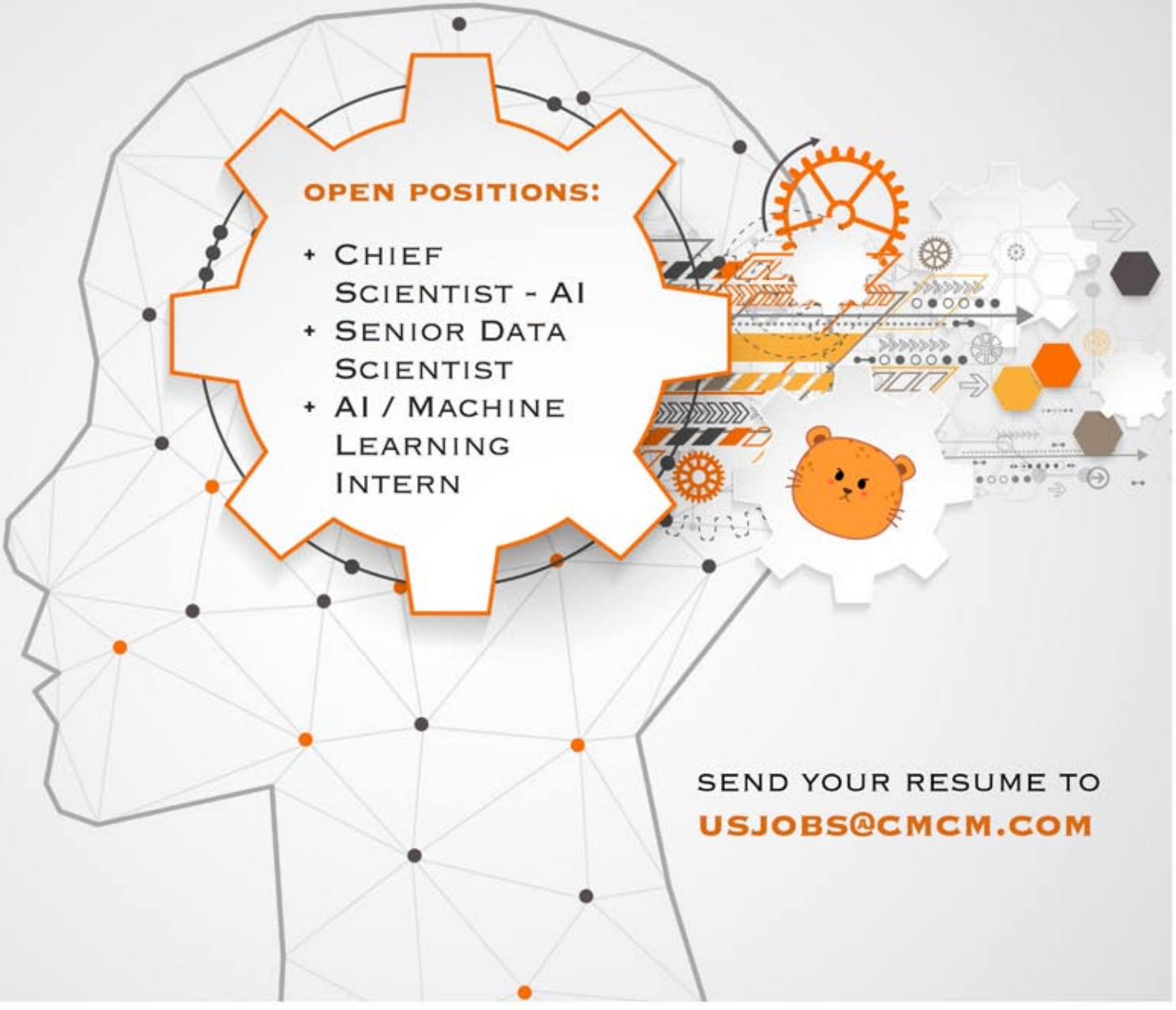
- **Director, Insight Generation (Job ID: R17036)** – Work with our lines of business and data specialists to develop a platform that uses machine learning to deliver actionable insights and advice based on customer data, streaming transaction/authorization data, and natural language interactions with our intelligent assistants and social media touchpoints. Develop a technology for unlocking insights that help customers, increase transparency, improve customer satisfaction, and impact key performance indicators.
- **Senior Manager, Deep Learning (Job ID: R16453)** - Develop, train, evaluate, and apply deep neural network models for classification, clustering, prediction, insight generation, natural language understanding, natural language generation, and dialogue management in text- and speech-based intelligent assistants.
- **Senior Manager, Statistical Natural Language Processing (Job ID: R16458)** - Work closely with our lines of business to develop machine learning models for intention recognition, conversational response selection, problem diagnosis and resolution, affect recognition, and insight generation.
- **Manager, Dialogue Systems (Job ID: R17465)** - Develop multichannel intelligent assistants that provide an outstanding experience for our customers. Work closely with our lines of business to develop text- and speech-based dialogue systems for banking. Develop techniques to enable natural, fluent conversations with customers.
- **Senior Software Engineer, Web Interfaces for Machine Learning (Job ID: R17462)** – Develop user-friendly web interfaces for training our multi-channel intelligent assistants. Work closely with our lines of business to develop web applications and user interfaces to label data for machine learning and natural language processing. Own the entire web development process from design to implementation.
- **Senior Manager, Cognitive Architectures (Job ID: R16457)** - Work closely with our lines of business to develop cognitive architectures for context-aware intelligent assistants that engage in and learn from natural language dialogues with our credit card and banking customers.

To apply for any of these roles, please visit the Capital One Careers site at jobs.capitalone.com and type the Job ID into the Keywords search box.

cheetahmobile

Cheetah Mobile (NYSE: CMCM) is a leading global mobile internet company dedicated to making the world smarter. We aim to provide the best apps for mobile users worldwide and connect users with personalized content on the mobile platform.

We are looking for the best talents in Artificial Intelligence to join **Cheetah Research Lab** in Palo Alto.



SEND YOUR RESUME TO
USJOBS@CMCM.COM

Cogitai

Empowering machines to understand the world through their own experience

About Cogitai

Cogitai, Inc. is dedicated to building artificial intelligences (AIs) that learn continually from interaction with the real world. Our goal is to build the brains, i.e., the continual-learning AI software, that will let everyday things that sense and act get smarter with experience. This experience will be shared across devices and domains to allow the rapid scaling-up of learning.

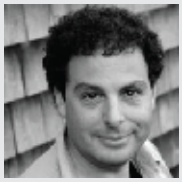
The founders, Mark Ring, Peter Stone, and Satinder Singh Baveja, are three of the leading researchers in designing AIs that learn knowledge and actions from experience, with a combined total of over 60 years of active research and development in AI. Our "Brain Trust" consists of ten of the world's best academics in this area, who will be actively engaged in technology development for the company.

Mark Ring
Founder and CEO, Cogitai

Peter Stone
Founder, President, and COO, Cogitai
Professor, Department of Computer Sciences, University of Texas at Austin

Satinder Singh Baveja
Founder, CTO, and Chief Scientist, Cogitai
Professor, Computer Science and Engineering, University of Michigan

Peter Wurman
VP of Engineering, Cogitai



Michael Littman
Contributing Brain Trust Member, Cogitai
Professor, Department of Computer Science, Brown University

Michael Bowling
Contibuting Brain Trust Member, Cogitai
Professor, Department of Computer Science, University of Alberta

Cogitai www.cogitai.com info@cogitai.com (714) 987-2757

Disney Research

Disney Research is recruiting **a junior/senior research scientist,** multiple **postdoctoral researchers and software engineers** in the following areas:

- Natural Language Processing
- Machine Learning
- Computer Vision
- Robotics
- Planning and Optimization

To apply, send a CV to: careers@disneyresearch.com with DR-AAAI-17 in the subject line.

At Disney Research, our staff interact directly with all core business areas of The Walt Disney Company. A few examples include: Theme Parks and Imagineering, ESPN, Pixar, Marvel, Lucasfilm and ILM. We publish our research and are actively engaged with the global research community. Our researchers collaborate closely with co-located academic institutions such as Carnegie Mellon University, the Swiss Federal Institute of Technology Zürich (ETH), and the California Institute of Technology.

Research Scientists lead their own independent research group working with post-doctoral researchers, interns, and external collaborators. Postdoctoral researchers contribute to projects led by a Research Scientist, as well as smaller self-initiated projects. Software engineers support the individual research groups in all aspects of software development, from implementing and optimizing algorithms and helping in designing larger software frameworks, to providing and maintaining fundamental software libraries used by multiple research groups.

As part of The Walt Disney Company, Disney Research builds upon a rich legacy of innovation and technology leadership in the entertainment industry that continues to this day. Disney Research was launched in 2008 as a network of research labs that combine the best of academia and industry. Our research covers a broad range of exciting and challenging applications that are experienced daily by millions of people around the world.

©Disney is an equal opportunity employer. Drawing Creativity from Diversity.

Dropbox

We're growing fast, and we'd love for you to join us.

See our job openings: dropbox.com/jobs

With over 500 million users storing, syncing, and sharing content of all types as well as new products such as Paper that accelerate collaboration, the Dropbox Machine Learning team develops high impact solutions that touch a lot of people and data. From images to documents in every language, the dropbox ML team delivers solutions using the full range of ML techniques from computer vision to machine learning to deep learning to online learning.

We are growing and looking for Machine Learning Engineers with an academic or practical background in machine learning, ideally with experience in natural language understanding, information retrieval, knowledge extraction, or deep learning.

Engineering and Research Openings

FAIR

We're committed to advancing the field of machine intelligence and developing technologies that give people better ways to communicate. In the long term, we seek to understand intelligence and make intelligent machines. Research at the lab covers the full spectrum of topics related to AI, and to deriving knowledge from data: theory, algorithms, applications, software infrastructure and hardware infrastructure.

AML

The Applied Machine Learning team is the applied research organization that brings the best of Artificial Intelligence technology to Facebook products. AML's efforts are to push the bar in three directions: build reliable platforms that scale to thousands of engineers, push state of the art in AI for maximum product impact and build new experiences using AI. AML focuses on areas like Machine Learning, Computer Vision, Computational Photography, Speech Recognition, Natural Language Understanding, Augmented Reality and more.

Oculus

Oculus is looking for exceptional PhD and Postdoctoral candidates to help create the virtual reality revolution. We're doing research into novel display-plus-optics systems, computer vision/tracking solutions of many sorts, haptics, input, audio, user interface, perceptual psychology, and more.

Machine Learning

In order to meet the demands of our scale, we approach machine learning challenges from a system engineering standpoint, pushing the boundaries of scalable computing and tying together numerous complex platforms to build models that leverage trillions of actions.

Systems

We build systems that allow more than a billion people all over the world to connect and communicate using whatever devices they have available. Our systems need to be scalable, fast, reliable, and efficient in order to provide a great user experience. The entire Facebook platform is our lab for research, development, and innovation.

Connectivity

The Connectivity Lab develops new communication technology, including platforms for connectivity on the ground, in the air and in orbit, in an effort to improve and extend internet access.

Interested? Let's Connect

PhD Internships

If you are currently pursuing a PhD and looking for internship opportunities in 2017, please contact: **internships_phdstudent@fb.com**.

New Grad PhD & Postdoctoral Opportunities

If you are nearing your PhD graduation or looking for an exciting place in industry to do a Post Doc, please contact: **graduate_phdstudent@fb.com**.

Engineering & Research Industry Professionals

If you are currently working wihtin the industry and are looking for new opportunities, please contact: **industry_researcher@fb.com**.

Ford Motor Company
Global Data, Insight & Analytics

We are trusted advisors enabling Ford to see our business, know our customers and act in a meaningful way. We drive evidence-based decision making by providing timely, actionable and forward-looking insights to our One Ford business partners.

NOTE: Candidates must complete the Candidate Profile and Web Based Assessment and apply to one or more GDI&A positions on the Ford Careers website in order to be considered for them.

What We Do…

GDI&A Credit Analytics
Responsible for developing analytics to offer, service, and fund loans to consumers and businesses that purchase automobiles.

Customer Analytics
Responsible for integrating market and consumer analytic workstreams.

Advanced Operational Analytics and Enterprise Risk
Leading new initiatives in analytics for manufacturing, purchasing, product development, sustainability, and enterprise resilience.

Smart Mobility and Connectivity Analytics
Responsible for supporting connectivity and mobility solutions as well as analytics for autonomous vehicles.

Descriptive Analytics
Provide data discovery, visualization, and delivery across the enterprise.

Data Operations
Responsible for data development and management including transactional and third party data sources.

Data Supply Chain & Analytics Infrastructure
Responsible for identifying and specifying data storage and analytic infrastructure needs across the enterprise.

Analytics R&D
Responsible for developing new data sources and analytic methods.

Analytics Operations
Implement the governance framework to identify, prioritize and execute analytic initiatives and drive standardized methodologies and processes globally.

Strategy
Manage business operations, including governance, business planning and change management.

To learn more about Ford's Global Data Insights & Analytics group please go to http://corporate.ford.com/careers/departments/global-data-insight-analytics.html.

To view available Ford job positions in GDI&A go to http://corporate.ford.com/careers. Click on "I'm in the United States" and then "and I'm an Experienced Professional" and then "Interested in All" and click "View Opportunities". For GDI&A job postings specifically click on "Advanced Search" and select "Global Data Insights and Analytics" from the Ford Department dropdown list. All of the current job postings for GDI&A will appear. You can read about each available job posting in detail by clicking on the blue text in the "Job Title" column.

To apply to a position, click "Apply" on the right side of the screen, fill out the Talent Network information, click "Save & Continue" and proceed to the official applicant webpage. Create your personal Candidate Profile and Web Based Assessment. Check back frequently as new positions can be added at any time.

General Motors R&D is Hiring Artificial Intelligence / Machine Learning Researchers for Autonomous Vehicle Development

Position Description

Automated Driving is a major growth area in the automotive industry. General Motors Global Research and Development offers exciting opportunity for talented and motivated researchers and engineers in this area. We are looking for individual contributors who are capable of driving design solutions and prototyping advanced artificial intelligence/machine learning techniques to stretch the capability of GM autonomous vehicle research and development programs. Our high-level AI / ML landscape includes:

- Deep neural networks
- Agent-based modeling / Symbolic artificial intelligence
- Deep reinforcement learning
- Hybrid-systems with heuristic and AI/ML models and shared autonomy
- End-to-end systems
- Application of AI / ML for autonomous vehicle perception, planning and behavior systems

Qualifications

- PhD with 2+ years or MS with 5+ years of experience in computer science, electrical engineering, mathematics, physics.
- Expert-level knowledge in learning algorithms such as inverse reinforcement learning, deep reinforcement learning and probabilistic inference for decision support systems.
- Knowledge and hands-on expertise in deep neural network topologies such as convolutional nets, recurrent nets, RBMs, causal reasoning, probabilistic programming.
- Strong software development skills in C/C++ under Linux environments with a proven ability to deliver high quality software coding on time.

Contact

Hiring Manager:

Priyantha Mudalige priyantha.mudalige@gm.com

Online Application:

http://careers.gm.com/index.html and search for job number: RES0000778

General Motors Company
Electrical and Controls Systems Lab · General Motors R&D Center · Mail Code 486-106-390
30500 Mound Road · Warren, Michigan 48090-9055
Phone 586 492 1510 · Fax 586-986-3003

IBM Research

Cognitive Computing:
Augmenting Human Intelligence

Research Areas

Multi-modal Comprehension
Natural Language Text Understanding, Machine Vision, Speech & Audio

Knowledge
Big Data Analytics, Data Mining, Machine Learning, Knowledge Extraction & Representation, Query & Retrieval, Reasoning & Planning, Optimization, Decision-Support

Cognitive Interaction
Dialog, Embodied Cognition, Human Computer Interaction, People Insights

Computing Infrastructure
High Performance Computing, Distributed Systems, Programming Models & Tools

Novel Systems
Neuromorphic, Quantum Computing

At IBM Research, we invent things that matter to the world.

Apollo 11 Lunar Landing 1969
Bar Code 1973
TD-Gammon 1992
Deep Blue Chess 1997
Watson Jeopardy! 2011

6 Nobel Prizes
6 Turing Awards
3 Kavli Prizes
5 National Medals of Science
#1 Patent Recipient for 24 Years
10 National Medals of Technology

iPIN

Better Decisions

iPIN specializes in cognitive technology that can expand our possibility to tackle challenges and difficulties. We are now working with the best talents and business in the fields across education, HR, legal, financial services and architecture, etc.

iPIN High-Level Areas of Interests :

- Machine learning
- NLP
- Vision
- Cognitive science

iPIN Job Fair :

We are looking for research scientists in Machine learning (deep learning), text mining and NLP. We accept only candidates with goodtheoretical knowledge and hands-on experiences.

E-mail : **hr@ipin.com** Contact : **(86-755) 6668-5480** Website : **http://www.ipin.com/**

KYNDI

Kyndi is a venture-backed technology startup headquartered in Palo Alto. We're looking for great AI technologists to join our team. This is an opportunity to join a high growth Silicon Valley company early.

Kyndi is building the world's first commercially available natural language understanding platform. We're doing this with a careful selection of techniques from both Symbolic and non-symbolic AI, bridged with techniques drawn from the math of quantum science. Our solutions address the challenges of classification transparency, transfer learning and learning from small sets.

Today our customers use the Kyndi technology to forecast and understand emerging areas of science and technology. Tomorrow's customers will be scientists, doctors, lawyers, executives, and many more.

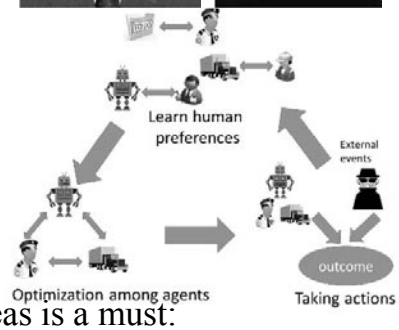
Our system uses the following skill sets:

- Map
    - Advanced matrix and tensor techniques: eigendecomposition, spectral and matrix operator algorithms
    - Topological data analysis and graph theory: Chemical QSAR and methods of matrix factorization, sparse matrix network algorithms
    - Social network analysis: topological data analytics, simplicial sets, combinatorial maps
- Learn
    - Computational linguistics
    - Decision Support Systems and Graph Database engineering: C/C++
    - Network theory, graph theory, graph spectra, principle components analysis, single value decomposition, eigenvector decomposition
    - Deep learning pattern evaluation: quality assurance, model management and tuning, regression testing and analysis
    - Machine learning, probability density functions, vector space methods, locally linear eigenvector, social network analysis
    - Logic programming and functional languages
    - Inductive machine learning algorithms, genetic algorithms
- Inference
    - Probabilistic models of inferencing - Bayesian networks
    - Markov logic networks
    - Probabilistic logical models

If this is intriguing and you'd like to contibute, we can be reached at info@kyndi.com. Kyndi's CTO (Michael Harries) and Chief Scientist (Arun Majumdar) will be at the job fair.

Call for applications for the Postdoc position in JAPAN-ISRAEL joint research project of ICT for a resilient society

Japanese principal investigator: Distinguished Professor Makoto Yokoo
Kyushu University (AAAI Fellow)
Israeli principal investigator: Professor Sarit Kraus
Bar-Ilan University (AAAI Fellow)



Resilient human-in-the-loop multiagent optimization Project:
This project aims to establish resilient, human-in-the-loop multiagent optimization technologies where the objective function in an optimization problem is not given beforehand. We will develop core technologies including learning the preferences of the humans involved, balancing their conflicting interests, and dealing with dynamic changes.

Requirements:
The ideal candidate will have a PhD in a relevant discipline and established track record evident by publication in top quality conferences and/or journals. Expertise in one or more of the following areas is a must: ***game theory and economic paradigms, heuristic search and optimization, human-aware AI, machine learning applications, multiagent systems, reasoning under uncertainty, search and constraint satisfaction***.

Number of positions: 1

Place of work: Fukuoka or Tokyo in Japan

Salary and benefits:
Gross salary per annum (including taxes, insurances and other things) will be about JPY 4,500,000. The exact amount will be decided in accordance with the employment regulations, the successful applicant's past accomplishments, etc.

Contract period of employment:
The start date will be as early as possible after the hiring decision is made. The end date is March 31, 2018. The period can be extendable until the project finishes (March 31, 2020) depending on research performance and continuation.

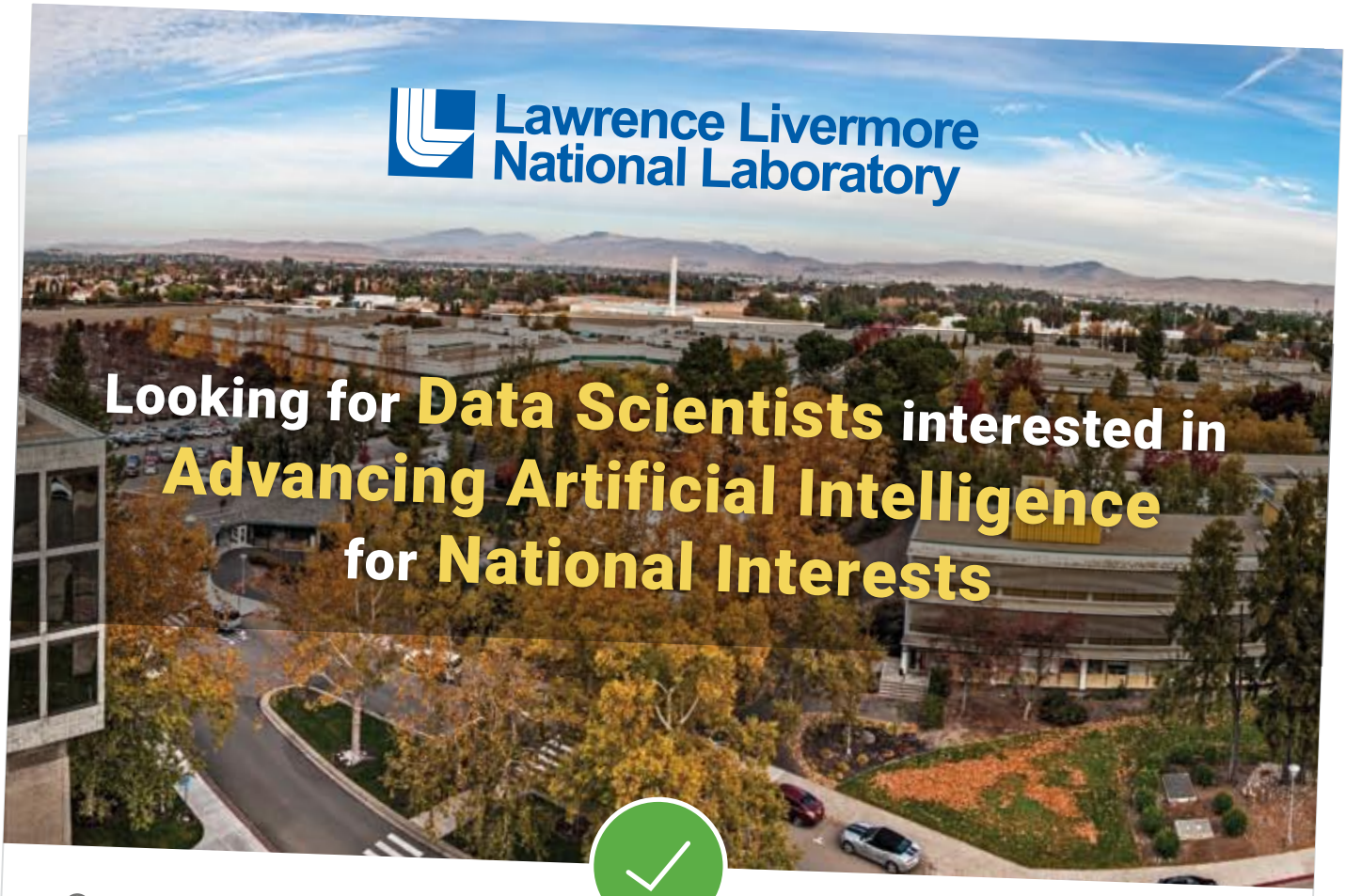
Submission:
The application process will remain open until the position is filled by a suitable candidate. Interested applicants should submit the following to Distinguished Professor Makoto Yokoo (recruit@agent.inf.kyushu-u.ac.jp):
(1) Academic CV, including names and contact details of 2 referees.
(2) A 1-page "statement of interest", explaining the applicant's interest in the project.
(3) Five "representative papers" describing the applicant's research.
If possible, please also include a link to a website with an online version of your PhD thesis and relevant publications (e.g., your professional homepage). A confirmation will be sent when the application is received. Incomplete or generic applications will be ignored.

Submission due date: March 10, 2017

Screening: The screening process consists of:
(1) the initial application review
(2) skype interviews for the applicants who make it past the initial review

Further information:
Please contact Distinguished Professor Makoto Yokoo (recruit@agent.inf.kyushu-u.ac.jp)

AI JOBS 1



Livermore, CA

the smartest square mile on earth

4.1 Glassdoor.com

2,700 Scientists

#102 Forbes Top Employers

158 R&D 100 Winners

3 Nobel Laureates

Can't swipe right fast enough?
Come talk to us!

engineering-careers@llnl.gov

Maluuba
RESEARCH

We're working to solve challenging problems in artificial intelligence.

Based in the Montréal, a global epicentre for AI Research, our research team seeks to model innate human capabilities such as common sense, creative thinking and decision-making. We explore applications in machine learning and we have published fifteen papers on comprehension, communication and reinforcement learning.

We’re seeking Research Scientists and Engineers to join our team.

Vikas Gosain, Hiring Manager vikas@maluuba.com www.maluuba.com

Join the Team and Drive the Future

Mercedes-Benz

Mercedes-Benz Research and Development North America Inc. is at the forefront of autonomous driving. We drive the innovation in design and engineering that will make autonomous driving the future of automobiles.

Our world-class team in the heart of Silicon Valley is working on

- Vehicle Intelligence (situation analysis, behavior/motion planning)
- Sensor Fusion
- Maps and Localization

We are looking for people with

- Background in autonomous driving, robotics, image processing, machine learning, sensor fusion and related fields
- Bachelor, Masters and PhD degrees in Computer Science or other Engineering fields
- Strong programming skills in C/C++, Python, Matlab,
- Experience with Linux and real-time embedded platforms

MBRDNA.com/careers

Mercedes-Benz
Research & Development North America, Inc.

Tenure-track and Tenure Faculty Positions in Artificial Intelligence, Intelligent Agents and Optimization

Young and research-intensive, Nanyang Technological University (NTU Singapore) is ranked 13th globally. It is also placed 1st amongst the world's best young universities and ranked 6th globally for Engineering and Technology.

The School of Computer Science and Engineering (SCSE) is proud to have established an international reputation as one of the top Computer Science and Computer Engineering departments globally. This success is largely attributed to our unique blend of expertise in computer science and engineering which provides a conducive environment for faculty to pursue impactful interdisciplinary research.

SCSE invites qualified academics who possess a PhD in related disciplines to apply for a number of tenure-track and tenure positions at all levels in Computer Science or Computer Engineering. We seek individuals with exceptional promise for or a proven record of research achievements within their chosen field of research. They should also be able to demonstrate strong ability for good undergraduate and graduate level teaching. Candidates must have vision and an interest in defining the research frontier as well as educating our next-generation of young leaders in this rapidly evolving field. Candidates should also demonstrate the ability to combine theoretical knowledge with practical development of computational solutions and systems within the following, or closely related areas of:

> Machine intelligence, autonomous and adaptive systems, cognitive systems, neural computing, evolutionary systems.

SCSE's current research areas of interest include Big Data Analytics, Cyber Security, Future Healthcare, Digital Economy, Sustainability Informatics and Urban Mobility. Successful applicants will find NTU to be a stimulating environment conducive to professional growth and interdisciplinary collaborative research.

The University offers competitive remuneration package commensurate with qualifications and experience, and comprehensive benefits. For further information about the School of Computer Science and Engineering, please refer to www.scse.ntu.edu.sg.

To apply, please refer to the Guidelines for Submitting an Application for Faculty Appointment (http://www.ntu.edu.sg/ohr/career/submit-an-application/Pages/Faculty-Positions.aspx) and send your application to SCSEHR@ntu.edu.sg. Electronic applications are preferred.

Review of applications will commence immediately. As such, applicants are strongly encouraged to apply early. Applicants must state which of the aforementioned areas they are applying for when submitting their applications. Only shortlisted candidates will be notified.

NUS National University of Singapore

School of Computing

Multiple Tenure-Track Faculty Positions in Computer Science

The Department of Computer Science at the National University of Singapore (NUS) invites applications for several tenure-track as well as tenured faculty positions. We have positions dedicated to cyber security, machine learning, robotics (software aspect), computer vision, computer systems (in particular, embedded systems), data analytics, particularly in statistical and algorithmic foundations, and visual analytics. We also welcome strong applications in other areas of computing. NUS' Department of Computer Science is highly ranked internationally. It enjoys ample research funding, moderate teaching loads, excellent facilities, and extensive international collaborations. The department covers all major research areas in computer science and boasts a thriving PhD program that attracts the brightest students from the region and beyond. More information is available at **www.comp.nus.edu.sg/careers**

NUS offers highly competitive salaries and is situated in Singapore, an English-speaking cosmopolitan city that is a melting pot of many cultures, both the east and the west. Singapore offers high-quality education and healthcare at all levels, high levels of personal freedom and security, as well as very low tax rates.

While we are primarily looking for candidates for Assistant Professor positions, we also welcome applications from exceptional candidates for Associate and full Professor positions. Candidates for Assistant Professor positions should demonstrate excellent research potential and a strong commitment to teaching. Truly outstanding Assistant Professor applicants will also be considered for the prestigious **Sung Kah Kay Assistant Professorship**. Candidates at more senior levels should have an established record of outstanding and recognized research achievements.

Application Details:

- Submit the following documents (in a single PDF) online via: **https://faces.comp.nus.edu.sg**
  - A cover letter that indicates the position applied for and the main research interests
  - Curriculum Vitae
  - A teaching statement
  - A research statement
- Provide the contact information of 3 referees when submitting your online application, or, arrange for at least 3 references to be sent directly to **csrec@comp.nus.edu.sg**
- Application reviews will commence on 1 October 2016 and continue until positions are filled
- If you have further enquiries, please contact the Search Committee Chair, Weng-Fai Wong, at **csrec@comp.nus.edu.sg**

Artificial Intelligence & Machine Learning Opportunities at Northrop Grumman

Join us at the Northrop Grumman Job Fair booth to learn about our cutting-edge technology and how we are searching for innovative students to fill our intern and new graduate (BS, MS, PhD) positions. This is your opportunity to speak directly to hiring managers and recruiters about career opportunities in Artificial Intelligence and Machine Learning at Northrop Grumman. Learn about our dedication to preserving freedom, advancing human discovery, our latest technology and our world class talent.

Northrop Grumman is a leading global security company providing innovative systems, products and solutions in autonomous systems, cyber, C4ISR, strike, and logistics and modernization to customers worldwide.

Discover more about our careers at:
careers.northropgrumman.com

CAREERS THAT TAKE YOU PLACES.

careers.northropgrumman.com

©2015 Northrop Grumman is committed to hiring and retaining a diverse workforce. We are proud to be an Equal Opportunity/Affirmative Action Employer, making decisions without regard to race, color, religion, creed, sex, sexual orientation, gender identity, marital status, national origin, age, veteran status, disability, or any other protected class. U.S. Citizenship is required for most positions. For our complete EEO/AA statement, please visit www.northropgrumman.com/EEO

OPTIMIZED
MARKETS

- CMU startup founded by Prof. Tuomas Sandholm, serial entrepreneur
- Combinatorial, multi-attribute systems for advertising campaign sales, inventory allocation, scheduling, pricing, *etc*.
- Leading experts in market design and optimization
- Best-of-breed products
- Leading companies as customers
- Profitable

Position

- Full-time position in Pittsburgh, PA
- Requirements:
  - Strong expertise in integer programming, search, or machine learning
  - Strong programming skills
  - Desire to work in a fast-moving environment with world's leading experts
  - Desire to change the world via software
  - Desire to build robust enterprise software
- Title is flexible depending on qualifications and experience
- Compensation includes salary and generous stock options
- ***Contact:***
  sandholm@optimizedmarkets.com
- www.optimizedmarkets.com

PROWLER.io

We believe what can be learned, should not be handcrafted

Job description

Our technology promises to revolutionise the development of video-games and crowd-simulation by applying state-of-the art machine learning techniques. Our system takes games and real-world data to train AI-bots that adapt to their environment, learn to mimic humans and compete or collaborate with other bots. You will develop and customise machine learning algorithms, come up with creative features, train them, and deploy them to games and simulations where they can interact with real users!

Skills n experience

You have demonstrable experience in theoretical and practical machine learning problems, specifically applying reinforcement learning techniques. You can get algorithms to work, knowing that sometimes that more data, novel features, and careful code trumps raw algorithms.

Essentials

- Academic and/or industry experience in either reinforcement learning or game theory
- Ability to understand cutting-edge research papers
- Writing and testing high quality code
- Numerical programming (Python/ NumPy, Matlab, R)

Desirable experience or interest:
- PhD in relevant area a big plus
- Data processing frameworks (Hadoop, Spark)
- Reinforcement learning (deep RL, IRL, hierarchical, partially observable, multiagent)
- Game theory (adversarial, team or cooperative) and distributed decision making
- Deep learning techniques and libraries (Theano, TensorFlow, Torch)
- Bayesian techniques (Gaussian processes, PILCO)

What we offer

Competitive salary plus employee stock options, a relaxed start-up environment, opportunities for professional development, the ability to stamp your mark on an early-stage company.

Location

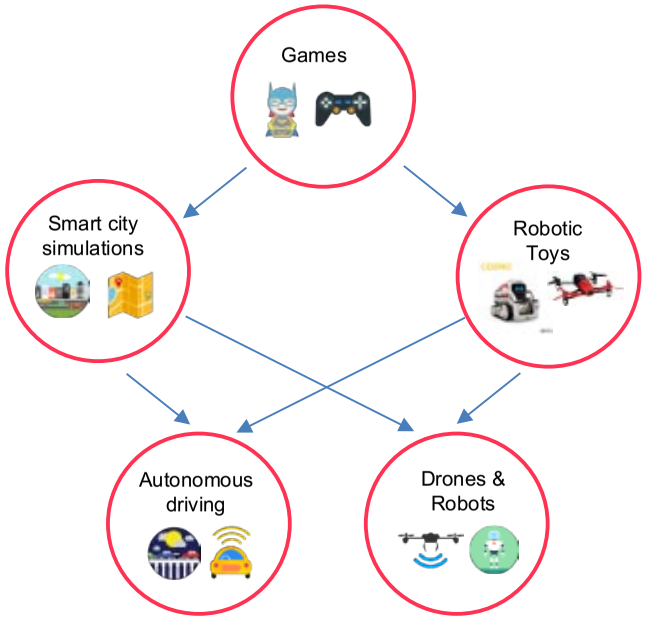
Cambridge, United Kingdom.

Still interested

enrique@prowler.io

techniques we use

Reinforcement learning
Game theory
Bayesian non-parametrics
Multiagent systems
Data mining
Optimization
Cognitive systems



rocketfuel
MARKETING THAT LEARNS™

Operate at the Edge and fast-track your career as an Engineer at Rocket Fuel

Who We Are

Rocket Fuel's core technology team comes from the most celebrated computer science and engineering programs around the world. Our organization is a learning organization - we spend time learning and innovating. We enjoy challenges and working on the most complex problems complete with huge scale and performance considerations. We produce code that drives our entire business. We thrive working in a performance driven organization where the only limitation on your growth is you.

What We Do

Our methodology, which leverages AI at big data scale, is called Moment Scoring ™, and results in a much more efficient use of marketing dollars by optimizing performance, awareness, and lift across channels for agencies and marketers.

Perks

- Health, Dental, Vision
- Life Insurance
- Flexible Time Off (Not Accrued)
- 401(k) w/ Match
- Stock Options
- Employee Stock Purchase Plan (ESPP)
- Pre-Tax FSA Accounts
- Commuter Benefits
- On-site Gym Membership
- Free Lunches
- Fully Stocked Snack Rooms

Types of Brands we Impact

UFC BROOKS TOSHIBA BUICK

Visit rocketfuel.com/careers for all current openings

Research Engineer/Intern positions in Autonomous Driving at SAIC USA Inc.

SAIC is the largest domestic car manufacturer in China selling more than 6 million cars per year domestically. SAIC USA is a fully owned subsidiary that engages in research and development for cutting edge technologies such as autonomous driving and Human Computer Interfaces. We have multiple openings at our recently set up Innovation Center in San Jose, CA in the Autonomous Driving team in the following areas:

- Visual & Lidar Perception
- Deep Learning
- Path Planning
- Decision Making
- System Integration and Testing

As a Research Engineer, you will utilize your expertise in the field of robotics, computer vision, deep learning and AI to some of the most challenging problems in autonomous driving. Working at SAIC Innovation Center, you will innovate with engineers at the top of their fields. You will be creating new technologies through software development integrating your expertise in these areas to enable the vehicle to accurately perceive and react to its surrounding environment. You will write algorithms to detect objects such as cars, motorbikes and people, track them using sensor fusion, and predict their future motion. You will further decide car actions and execute them with motion planning and control.

Requirements

- MS/PhD in computer science, electrical engineering, aerospace engineering, or a related field, or equivalent practical experience
- 3+ years of experience in software development using C++/Java/Python. Candidates with significantly more experience are encouraged to apply.

Preferred qualifications in one or more of the following:

- Computer Vision
- Sensor fusion (camera, lidar, GPS, IMU, radar)
- HD Mapping and Localization
- GPS and inertial pose estimation
- Motion Planning and control
- Reinforcement Learning
- Software Architecture
- Experience with robotics and AI applications
- Ability to understand and implement complex algorithms efficiently and correctly

These roles will challenge the boundaries of your problem-solving, and will be rewarding as your prototype creations are transitioned and deployed in real-world environments. When you join the SAIC team, you will discover all the benefits, rewards and development opportunities you'd expect from a diverse global leader. You'll become part of a fast paced team that is pushing the boundaries of technologies and customer experience. Benefits include Competitive Salary, Medical Benefits, FSA, 401K, Short Term and Long Term Disability Insurance.

To apply for these exciting opportunities, please send an email and cover letter to career.ca@saicusa.com . Please specify the areas of your interest in the subject of your email. You must have the legal right to work in the U.S.A.

SAMSUNG

Positions in AI Research

We are looking for Deep Learning, NLP and Computer Vision researchers

Key Responsibilities

- Participate in cutting-edge research for deep learning and machine learning
- Develop deep learning based artificial intelligence technologies
  - Natural language processing and dialog system
  - Computer vision and scene understanding with applications in human pose estimation, human tracking, facial analysis, human action recognition, etc.
- Analyze large scale data with data mining technologies
- Develop (embedded) deep learning framework for mobile phone, TV, robot and home appliances

Research Areas

Core technology	Technology components
Language Understanding	Natural Language Processing, Dialog System, Q&A, Machine Translation, Speech Recognition
Visual Understanding	Object Recognition / Tracking, Visual Search, Human Recognition / Understanding, Scene Understanding
Inference / Prediction	Inference, Prediction, Planning, Recommendation
Knowledge Representation	Knowledge Creation, KB Management
Robotics	Autonomous Navigation, Visual-Motor Coordination
Machine Learning	Deep Learning, Reinforcement Learning

Key Competencies

- M.S. or Ph.D. degree in Computer Science with specialization in deep learning / natural language processing / computer vision / robotics
- Experience with deep learning or related fields
- Experience in AI-related data challenges

HOW TO APPLY

- Please contact smin.seong@samsung.com
- Location : Seoul, South Korea

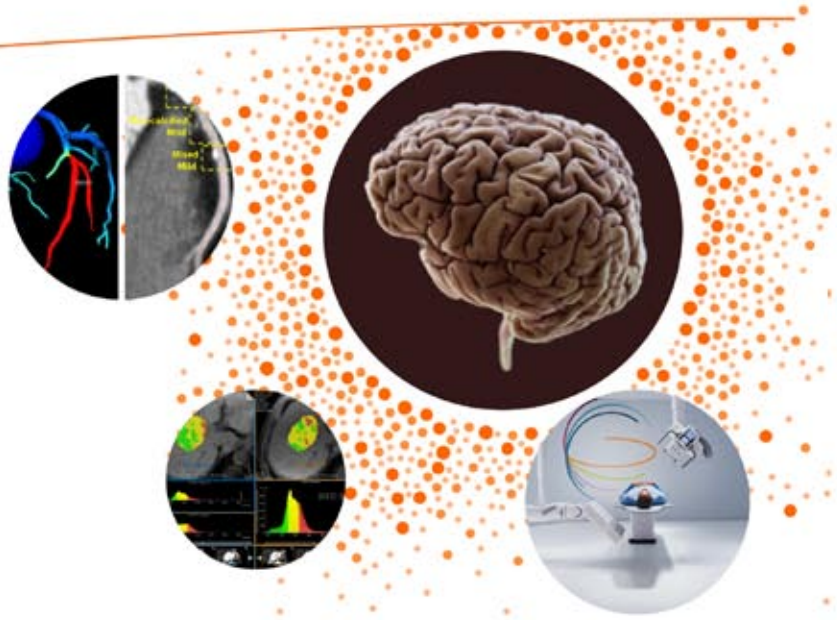
Artificial Intelligence Team

Software Center – Samsung Electronics.

SIEMENS Healthineers

jobs.usa.siemens-info.com

be at the heart of innovation



Voted as **"World's Most Admired Company"** in Electronics Industry by Fortune 2016, at Siemens Healthineers, our teams work hard every day to develop innovations that support better patient outcomes with greater efficiencies. The Medical Imaging Technologies team researches and translates state-of-the-art technologies into advanced clinical solutions for improving the quality of healthcare, specifically in the fields of diagnostic imaging, image-guided therapy, and personalized medicine.

Comprised of the world's most talented scientists, engineers and technical experts from across the globe, we are proud of our past and future innovations that are impacting the lives of millions of patients.

With more than **52,000 employees** around the world, Siemens Healthineers is making a difference for our customers and their patients. More than **200,000 patients per hour** benefit from information received through Siemens imaging and diagnostic test equipment. We know that our technologies can help clinicians improve lives, and we are passionate about bringing innovative, sustainable solutions to them. Join us.

Interested in applying? Connect via jobs.healthcare@siemens.com or LinkedIn https://www.linkedin.com/jobs/cap/view/262049656

Positions Available at Siemens Healthineers Technology Center - Medical Imaging Technologies, Princeton, NJ

- Artificial Intelligence, Deep Learning
- Deep Reinforcement Learning
- Medical Imaging Analytics
- Computer Vision
- Image-guided Therapy Technologies
- Visualization and Computer Graphics

Employee Resources and Benefits

- Competitive salary and benefits package, including savings plans
- Exciting employee discount programs covering everyday products/services
- Excellent vacation and paid time-off programs
- Tuition reimbursement for higher education development
- Emphasis on healthy work life balance including health snack programs and flexible working hours

Unrestricted © Siemens Medical Solutions USA, Inc., 2017

Openings for Research Fellow, Research Engineer, Visiting Student Interns

The Fujitsu-SMU Urban Computing and Engineering (UNiCEN) Corp. Lab is a synergistic industry-university lab at the Singapore Management University aimed at conducting industry-relevant R&D on combining computing, behavioural economics and management science approaches to create intelligent systems to address local urban challenges and conduct test-bedding in Singapore. Our focus areas are in logistics, transportation, security and safety.

Our goal is to make substantial contributions in concepts, methods and enabling computational intelligence tools to address urban flow and resource management, demand and supply management and mass and personal flow control, in highly integrated and computationally practical and applicable ways.

Eligibility

MSc/PhD in Computer Science (or related disciplines). In particular, we look for individuals whose research backgrounds are in one or more of the following areas:

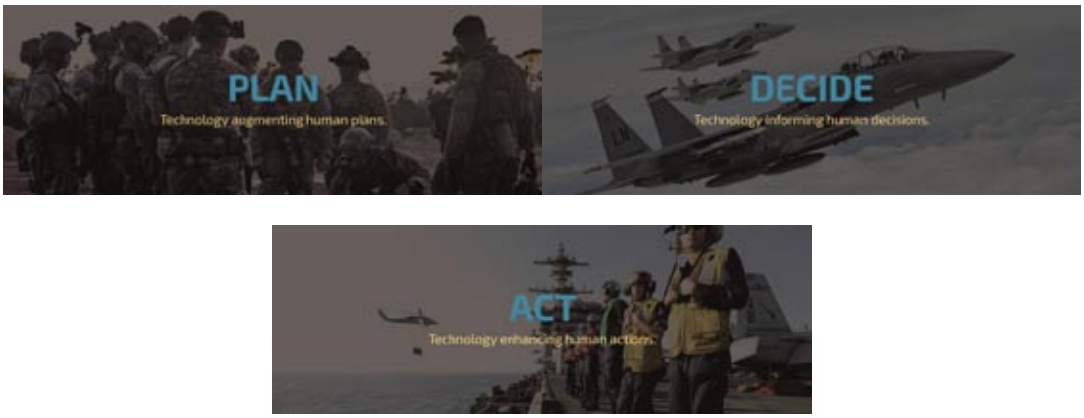
- Large-scale optimisation and Meta-heuristics
- Large-scale Planning and Scheduling
- Autonomous Agents and Multi-agent Systems
- Agent-based Modelling and Simulation
- Human Behavioural Analysis
- Machine Learning and Statistical Analysis
- Urban Operations and Management

You will get ample opportunities to engage with prominent industry players to design and implement working prototypes.

More Information:

Please visit our website @ http://unicen.smu.edu.sg for more information.
Email Contact: Professor LAU Hoong Chuin (hclau@smu.edu.sg)

SoarTech, developer of the world's most intelligent virtual pilot, award winning human-robot interfaces, and numerous serious games incorporating industry-leading artificial intelligence, is seeking Principal Investigators (Research Scientists) to join our team. SoarTech, with offices located in Ann Arbor, MI and Orlando, FL, provides its employees with creative high technology work; a positive, energetic work environment; and an excellent employee benefits program.



We're currently seeking Principal Investigators (Research Scientists) to join our team in the areas of Intelligent Training Systems and Serious Games, Unmanned Platforms and Robotics, and Cyberspace Operations. The Principal Investigator has primary responsibility for the creation of research and development proposals and authority over the execution of projects including research outcomes, engineering accomplishments, transition, and budget oversight. The Principal Investigator also publishes study results as first author or co-author. This position requires personal initiative to accomplish technological innovation and creativity in support of new business development and project execution, and also serves as the primary programmatic liaison with the sponsor.

Required Skills and Experience:

* Ph.D. or equivalent level degree * Ability to integrate ideas from multiple disciplines *Familiarity with the DoD research community players, processes, and procedures * Established record of research accomplishments, including history of obtaining significant external funding in the DoD research community * Strong first author publication record in peer-reviewed journals * Experience in developing effective collaborations * Knowledge with contracting * Strong communication skills, including negotiation and collaboration * Leadership and mentoring skills needed to support teams, both internal and external

Applicants selected will be subject to a Government security investigation and must meet the eligibility requirements for access to classified information; eligibility requirements include U.S. citizenship. Please email careers@soartech.com to express your interest in this role.

To learn more about SoarTech visit www.soartech.com

Internship and Employment Opportunities at TVConal

Available Positions

APPLICATION DEVELOPER

BS or MS in Computer Science, Engineering. Linux/Unix development experience using one or more of JAVA, R, Perl, Python, C/C++. Knowledge of big data processing and developing applications and data sources via Hadoop/ MapReduce, MongoDB. Experience in web development

DATA SCINTIST: Video Analytics

Working knowledge in image processing, content-based image retrieval, and machine vision. Solid programming skills with Python and C/C++.

DATA SCIENTIST: Machine Learning

Advanced analytical and technical expertise. Working experience with predictive analytics spatial-temporal and time series models, and data mining.

NLP SPECIALIST

Deep understanding of novel techniques in text analytics, Experience in real-time systems.

Empowering Television Content Creation and Distribution through AI Technologies

TVCONAL
Television Content Analytics

Television Content Analytics, TVConal, is a technology startup with the main line of business in using analytics to support content creation in TV broadcasting.

At TVConal we are committed to building modern and highly scalable sport analytics software for live broadcasting. We use state of the art methods in machine learning, computer vision, and artificial intelligence to build applications.

Our systems have normally three components: data engineering, content analytics, and visualization.

Currently, there are multiple internship positions and full-time employments available related to cricket, football, and tennis. If you have a passion to use your theoretical knowledge in the world of broadcasting and especially in real-time sports coverage, please get in touch with us: info@tvconal.com.

TVConal offers a supportive environment and market-competitive total benefits. We are based in Singapore, a high-tech, clean and generally safe place to work, with a high standard of living and welcoming multicultural society.

1 Changi North Street 1, Lobby 1, #02, Singapore 498789 Tel: +65-65429093

Email: info@tvconal.com

WWW.TVCONAL.COM

Tencent 腾讯

- China's largest social networking company.
- World's fifth-largest internet company in market capitalization.
- Massive data from a range of popular online and mobile services, including WeChat (846M Monthly Active Users, updated in Nov.2016) and QQ (899M MAU).

Tencent AI aims to "Make AI Everywhere", it has built multiple R&D labs or departments to arm its internet applications and dedicate to advanced AI research.

At AAAI 2017, the following three Tencent research teams are waiting for you!

Pls. scan QR code to know more, and mark the one you want to talk with most before coming.

Tencent AI Lab	Built in 2016 to unveil Tencent's AI strategy, joint by 50 world-class AI scientists, researchers and experts. Job openings: research scientists on machine learning, computer vision, speech recognition, and natural language processing. http://ai.tencent.com/ailab/
WeChat AI	WeChat AI Team is determined to apply state-of-the-art artificial intelligence technology to WeChat product. Job openings: speech recognition, natural language processing, image and video processing, data mining and distributed machine learning platform. http://ai.weixin.qq.com
YouTu Lab	Youtu Lab focuses on face recognition, image classification, speech recognition, deep learning, Natural language processing, VR/AR etc. Job openings: Face Recognition, Image Understanding, Augmented Reality, Deep Learning, Speech and Audio. https://bestimage.qq.com/index.html

Tinder

West Hollywood, CA
Palo Alto, CA

175 of us looking for a new Long Term Relationship. Must be smart, collaborative and hardworking 🦄 Passionate about bringing people together and dodgeball. Currently making 26 million matches per day. Will pay for your meals and supply plenty of snacks. 🍻🍕

6.5 billion data points per day, if it matters.

I don't message first.

United Technologies Research Center

- Central innovation engine for United Technologies
  - Opportunity to work on diverse research problems
  - Multidisciplinary research teams bring ideas to physical reality
  - Strong academic research collaborations
  - Applications in aerospace, fire and safety, intelligent buildings, advanced manufacturing

- Openings in AI/robotics
  - Single/Multi-agent sequential decision making
  - Knowledge representation
  - Probabilistic inference
  - Task and motion planning
  - Human-machine collaboration

- Offices in Berkeley, CA and East Hartford, CT

Contacts: Claudio Pinello, Siddharth Srivastava <firstname.lastname>@utrc.utc.com

University of Kentucky
Department of Computer Science

The University of Kentucky Computer Science Department invites applications for multiple tenure-track faculty positions to begin in either January or August of 2017.

We are seeking energetic and creative faculty who have a passion for teaching students and for building a research program centered on advanced computing. We will consider all ranks, with preference for candidates at the assistant professor level. Outstanding candidates at the rank of assistant professor will be considered for an endowed fellowship.

We value collaborative and interdisciplinary research. Our faculty members have established research programs with other members of the department and with a wide variety of other departments and programs, including statistics, biology, linguistics, internal medicine, electrical engineering, computer engineering, and the humanities. We favor researchers who are eager to collaborate to solve problems that extend beyond their own research areas.

We seek applications from excellent candidates in all areas, with a particular desire for expertise in computer networking, security and privacy, machine learning, big data and data mining, visualization and computer vision, artificial intelligence, and software engineering. These areas complement the department's Laboratory for Advanced Networking, Software Verification and Validation Lab, and established collaborations with the Center for Computational Sciences and the Center for Biomedical Informatics.

We value teaching and the student experience. Candidates should be eager and prepared to teach upper-level courses in their areas of expertise, as well as (ultimately) core courses in our ABET-accredited undergraduate Computer Science and Computer Engineering programs.

The University of Kentucky Computer Science Department, one of the first CS departments in the United States, has 21 faculty members committed to excellence in education, research, and service. The Department offers programs leading to the Bachelors, Masters, and Ph.D. degrees. The University of Kentucky is located in Lexington, the scenic heart of the Bluegrass Region of Kentucky. With recognition as one of the safest, most creative, and well-educated cities in the nation, Lexington is an ideal location to build an outstanding, work-life balanced career.

Candidates must have earned a PhD in Computer Science or closely related field at the time employment begins. To apply, a University of Kentucky Academic Profile must be submitted at **http://ukjobs.uky.edu/postings/123838**. Applications are now being accepted. Review of credentials will begin immediately and continue until the positions are filled.

For more detailed information about these positions, go to **ukjobs**. Questions should be directed to HR/Employment by phone at 1-859-257-9555 press 2 or email (**ukjobs@email.uky.edu**), or to Diane Mier (**diane@cs.uky.edu**) in the Computer Science Department.

Upon offer of employment, successful applicants must undergo a national background check as required by University of Kentucky Human Resources. The University of Kentucky is an equal opportunity employer and especially encourages applications from minorities and women.

USC Information Sciences Institute

Viterbi School of Engineering—University of Southern California

DO YOU WANT TO IMPROVE GROCERY DELIVERY, OR DO YOU WANT TO CHANGE THE WORLD?

SEARCHING FOR

Artificial intelligence researchers at all levels, from postdocs to accomplished research leaders in any of the following areas:

- **Machine Reading**
- **Information Extraction**
- **Linked Data**
- **Semantic Web**
- **Biomedical Data Integration and Knowledge Engineering**
- **Intersection of Neuroscience and Computing**
- **Information Integration**
- **Interactive Knowledge Capture**
- **Semantic eScience**
- **Machine Translation**
- **Natural Language Processing**
- **Robotics**
- **Social Networks**

Postdocs are typically one-year positions, with the possibility of renewal. Computer scientist positions are permanent positions, subject to available funding. Computer scientists can be PIs on research grants, and can also apply for research faculty appointments in USC's Department of Computer Science, or other relevant departments. If appointed, they can teach courses and supervise graduate students.

ABOUT ISI

Home to over 250 researchers in numerous areas of computer science and engineering. World-class innovative research carried out in an exciting and collaborative academic environment.

LOCATION

Headquartered in Marina del Rey, California, with views of the Santa Monica Bay, ISI also has offices in Arlington, Virginia, near the nation's capital.

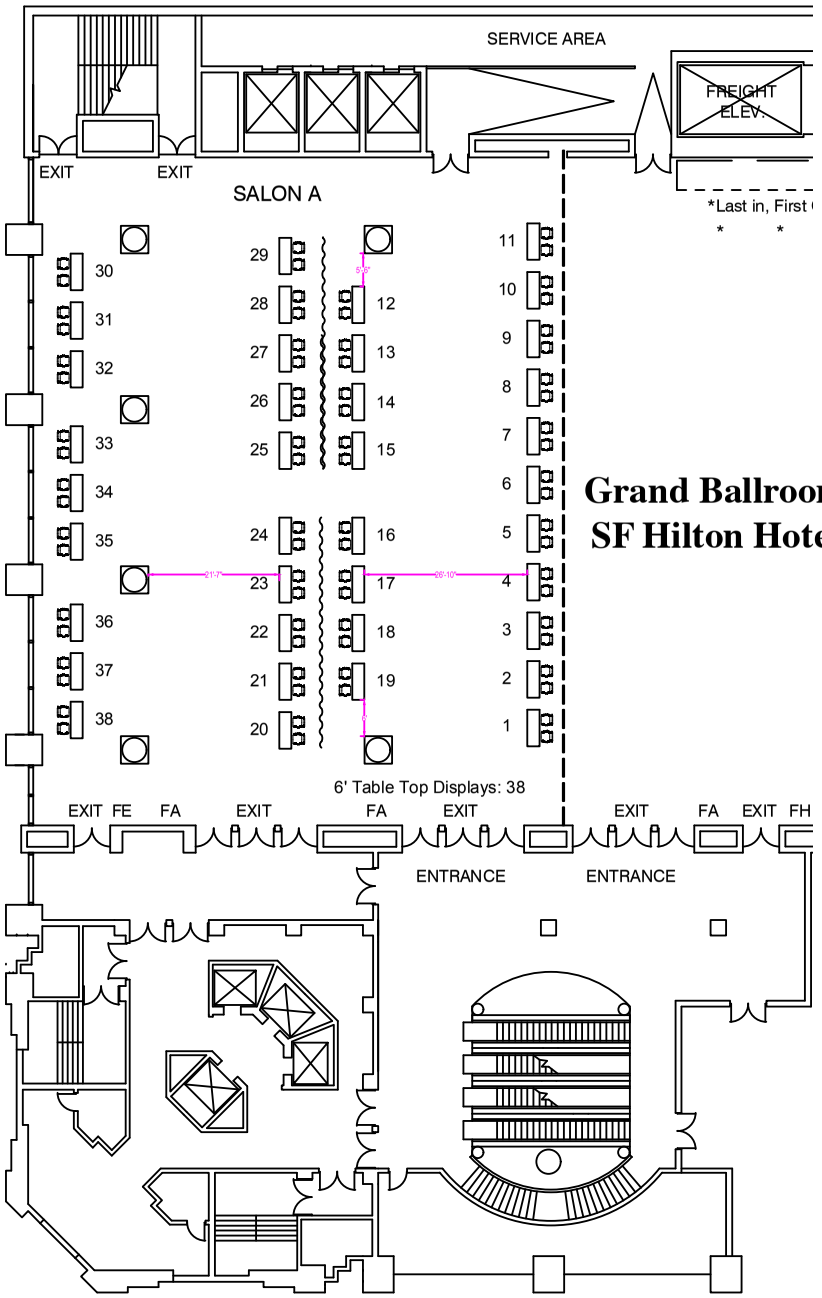
CONTACT

ai.isi.edu
joinus@isi.edu

USC Viterbi
School of Engineering
Information Sciences Institute

The University of Southern California values diversity and is committed to equal opportunity in employment

AAAI 2017 Job Fair Employers Layout



1 USC Information Sciences Institute
2 University of Kentucky
3 Disney Research
4 IBM Research
5 Cogitai
6 ASAPP
7 Rocket Fuel
8 Optimized Markets
9 Cheetah Mobile
10 Tinder
11 Amazon
12 Capital One
13 ByteDance
14 Tencent
15 iPIN
16 PROWLER.io
17 Television Content Analytics
18 Allen Institute for Artificial Intelligence
19 Kyushu University
20 Singapore Management University
21 Nanyang Technological University
22 Maluuba Research
23 Kyndi
24 ALICE Technologies (Artificial Intelligence Construction Engineering)
25 SAIC USA
26 BMW Group
27 Mercedes-Benz R&D
28 General Motors R&D
29 Ford Motor Company
30 Facebook
31 Dropbox
32 Siemens
33 United Technologies Research Center
34 SoarTech
34 Northrop Grumman
36 Lawrence Livermore National Laboratory
37 Samsung Electronics
38 National University of Singapore