



# AAAI / ACM:SIGAI Job Fair

AAAI 2019  
Honolulu



John P. Dickerson, Univ. Maryland  
Christopher Amato, Northeastern



# Meet the Amazon Research Community



- Over 1,500 PhD researchers worldwide
- Expertise: machine learning, computer vision, speech, natural language processing, robotics, data science
- Applications: Alexa, AWS AI Services, drone delivery, recommendations, forecasting, fraud detection
- Why work at Amazon?
  - Impact
  - Data
  - Compute Power
  - Academic Collaboration

Contact: [AAAI2019@amazon.com](mailto:AAAI2019@amazon.com)  
Learn more: [amazon.jobs/AAAI](https://amazon.jobs/AAAI)



用科技让复杂的世界更简单

Making A Complex World Simpler Through Technology

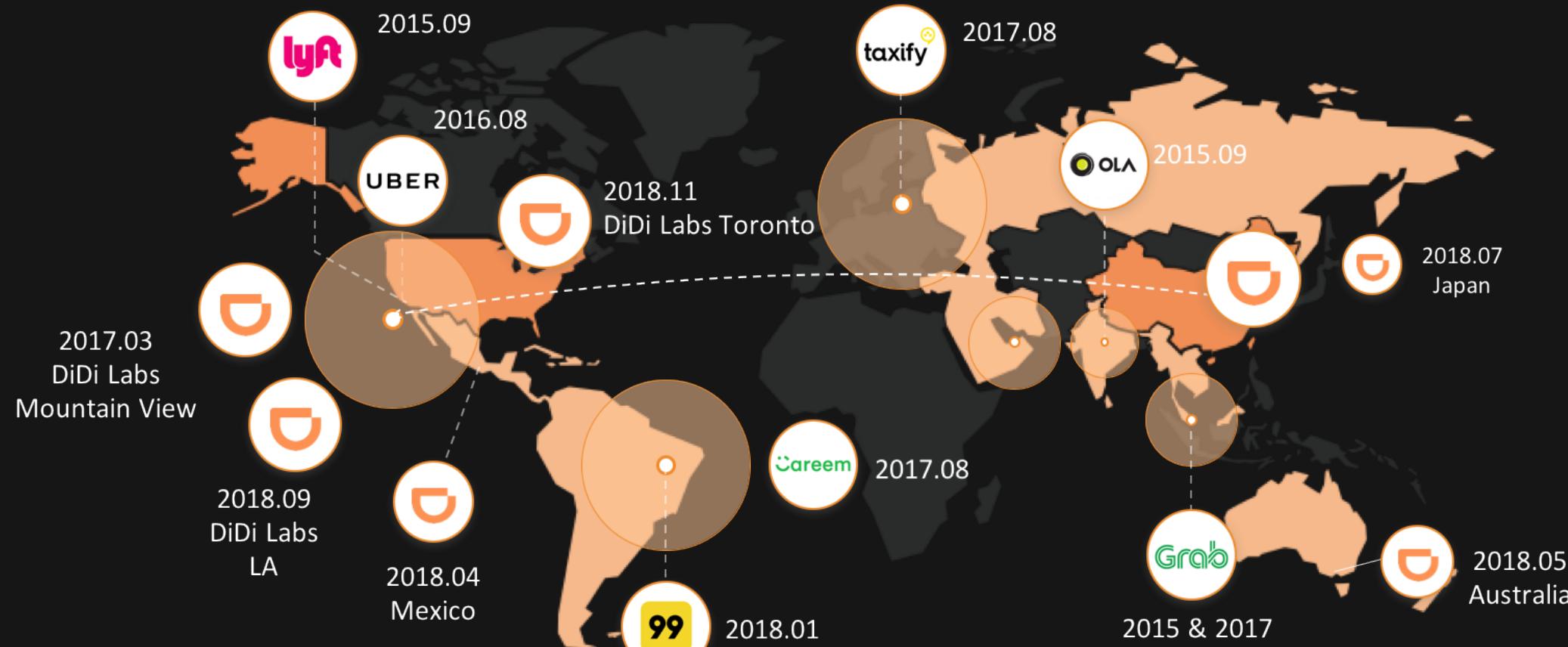


# SCANDINAVIA'S AI HUB



# Making mobility easier, safer and more accessible everywhere

DiDi's global network covers **1000 +** cities and reaches **80%** of the world's population



# Diffbot

We structure the world's knowledge.

A screenshot of a search interface. At the top, there is a search bar with the query "type:Person skills.name:"Computer Science"". Below the search bar, the URL "Home / Search / type:Person skills.name:"Computer Science"" is visible. In the main content area, the text "598,817 Results" is displayed, with the number "598,817" circled in red. The background features a blue gradient with white and purple mountain peaks.



A screenshot of the Wikidata Query Service. At the top, it says "Wikidata Query Service" with links for "Examples" and "Help". Below that, there is a "Query Helper" section with a sidebar containing icons for information, filters, and a diamond. The main area shows a query with dropdown menus for "field of work" (set to "computer science") and "instance of" (set to "human"). At the bottom, a button displays the result "521 results in 470 ns", with the entire button circled in red.

# JOIN DIVEPLANE.

WE ARE HIRING!

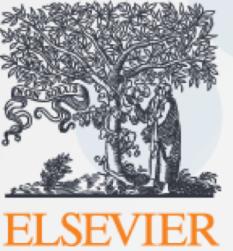
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APPLY FOR THE ALPHA:

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**breakthrough**  
**thinking**

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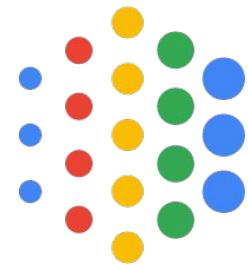
Join us.

[elsevier.com/about/careers](http://elsevier.com/about/careers)

Be curious. Be challenged. Be involved.

A large, abstract graphic occupies the right side of the page. It features a complex network of interconnected orange dots (nodes) and blue lines (edges), forming organic, branching patterns that resemble neurons or a molecular structure. Some nodes are highlighted with a darker orange shade. In the lower right area, there is a cluster of nodes with a diagonal hatching pattern.

We are looking for  
senior machine learning scientists and  
senior natural language processing scientists  
in Amsterdam and Chennai.

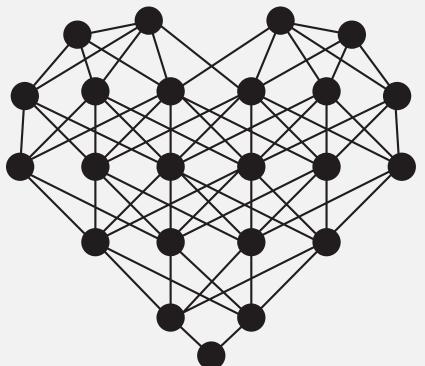


# Google AI

[careers.google.com](https://careers.google.com)

# IBM Research AI Residency

Apply today:  
[ibm.biz/ai-residency](http://ibm.biz/ai-residency)



Application deadline: 31 March 2019

## About the AI Residency Program

The IBM Research AI Residency Program is a 12-month program that provides opportunity for scientists, engineers, domain experts and entrepreneurs to conduct innovative research and development on important and emerging topics in artificial intelligence (AI).

### Locations

IBM T. J. Watson Research Center  
(Yorktown Heights, NY)

IBM Research AI and MIT-IBM Watson AI Lab  
(Cambridge, MA)

IBM Almaden Research Center  
(San Jose, CA)



## JD AI Platform and Research Division

About JD.com: <http://corporate.jd.com>

Contact: [airecruiting@jd.com](mailto:airecruiting@jd.com)

- JD.com leverages artificial intelligence to enhance many areas of its business, drive growth and foster innovation.
- Open positions:
  - **Research Scientist:** CV, NLP & Speech, Machine Learning
  - **Algorithm Engineer:** CV, NLP & Speech, Machine Learning
  - **Scientist & Engineer:** Acoustic Modeling or Language Modeling, Text-to-Speech
  - **Post Doctorate:** CV, NLP & Speech, Machine Learning
  - **AI Software Development Engineer**



**JD.COM** JD Digits

## JD Intelligent City Research/ Urban Computing Business Unit

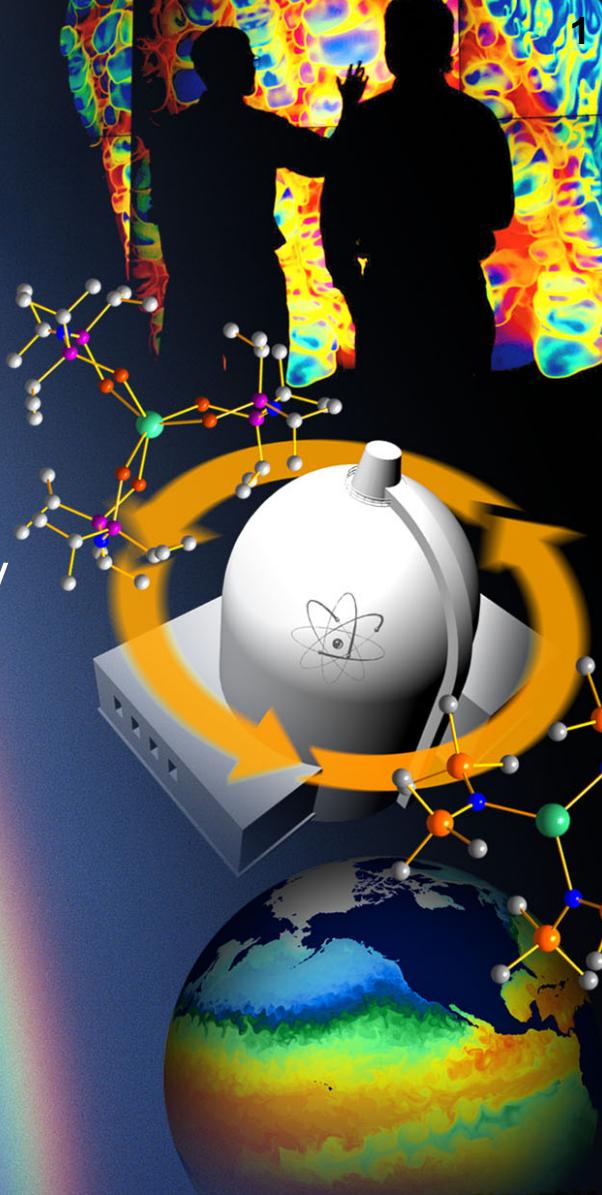
Homepage: <http://icity.jd.com>

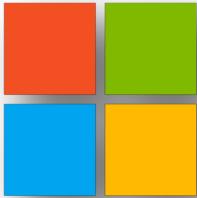
- **JD iCity** focuses on enabling intelligent cities with Big Data & AI.
- We are developing intelligent solutions for diverse applications in cities, including smart transportation, data-driven urban planning, environment protection, intelligent energy, public security and intelligent business.
- **Open positions:**
  - (Senior) Data Scientist
  - Principal/Senior/Applied Research Scientist
  - (Senior) Algorithm Engineer
  - Machine Learning Research/Engineering Intern
- **Contact:** [uc-recruit@jd.com](mailto:uc-recruit@jd.com)

# LOS ALAMOS NATIONAL LAB: A PREMIER NATIONAL-SECURITY SCIENCE LABORATORY

Los Alamos National Laboratory has been essential to the nation's security for 75 years

- An agile, responsive, and innovative workforce dedicated to addressing complex national security issues and the world's most difficult challenges
- Multidisciplinary science, technology, and engineering capabilities
- Unique experimental, computational, and nuclear facilities
- **8,000 full-time staff; 1,800 undergrad & grad students; 400 postdocs**





# Microsoft



## AI Platform

- Services(APIs to interpret the world),
- Infrastructure (Engage customers with Microsoft Framework)
- Tools (CogNitive Tool Kit-CNTK)



## AI solutions

- Business ready AI platforms (tools that bring AI to every developer)
- Solution Templates-preconfigured templates, ML models reference architecture
- Microsoft Graph-Connecting data within organizations(emails, calendars, contacts) to drive productivity.



## Intelligent Applications

- Office 365
- Dynamics 365
- Intelligent Searches in Bing
- Microsoft Translator



## Cortana

- Organizes across your life
- Helps with everyday tasks-checking budget, counting calories or ordering a pizza

## Where

- <https://careers.microsoft.com/search.aspx?pg=0>
- [Microsoft AI Residency program](#)
- US
  - Redmond, WA
  - Sunnyvale, CA
  - Boston, MA
- Canada
  - Montreal, Canada
- Asia
  - Beijing, China
  - Suzhou, China
  - Taipei, China
- Europe
  - Cambridge, UK
  - London, UK
  - Zurich, Switzerland

## Who's here

- Eric Horvitz- Technical Fellow Director, MSR Labs and AI
  - Evelyne Viegas-Director, AI Outreach
  - Amy Siebenthaler-PhD Recruiter-amy.siebenthaler@microsoft.com
  - Parul Tewari-AI Recruiter
  - [parul.Tewari@Microsoft.com](mailto:parul.Tewari@Microsoft.com)
- [PhDRecruit@microsoft.com](mailto:PhDRecruit@microsoft.com)
- [mlrecruiting@microsoft.com](mailto:mlrecruiting@microsoft.com)

Microsoft Research-Foundation of AI



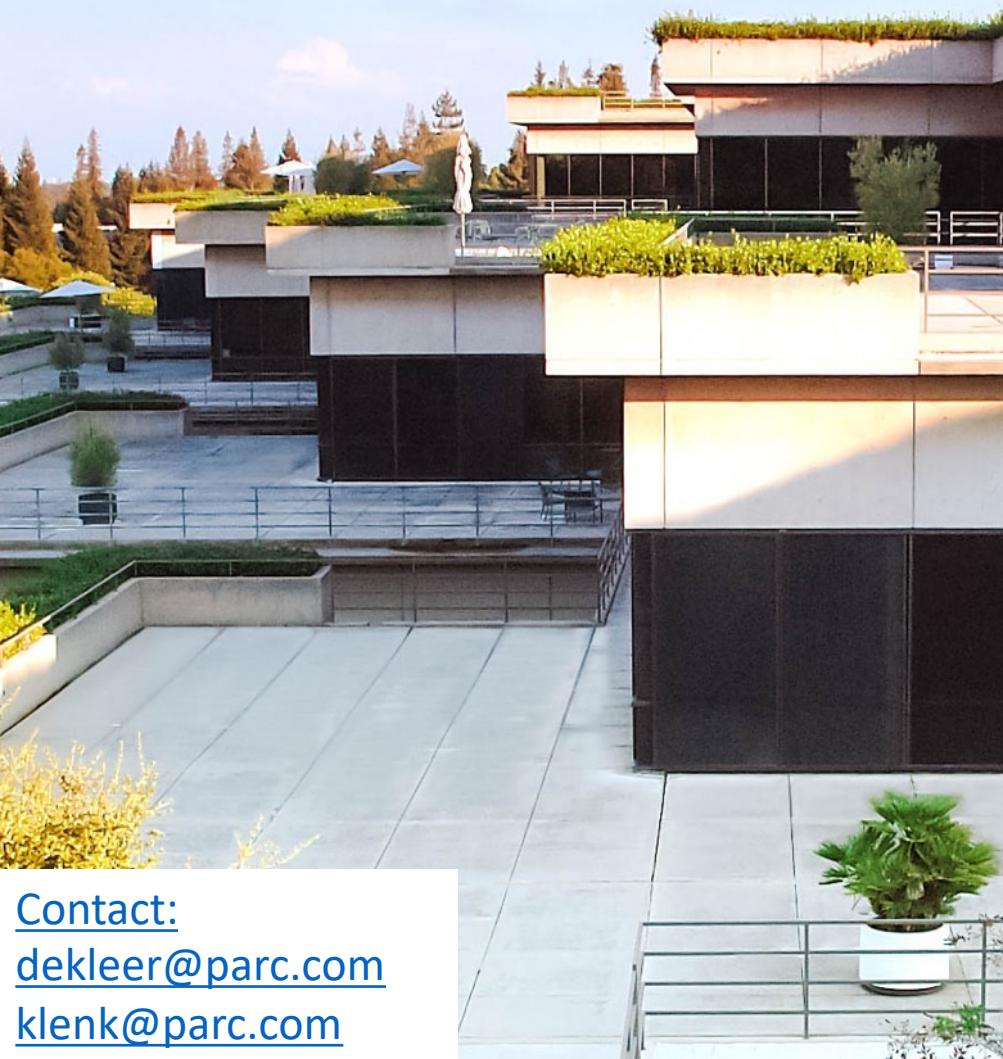
A world class startup accelerator in Toronto & Montreal, for early stage AI ventures.

- Up to \$200K in funding
- World class business and technical education
- Top research scientists and corporate mentors
- Leading AI technologies and tools
- Office space in an AI-focused hub in Toronto / Montreal
- Start-up Visa support

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Application opens Fall 2019 for both existing teams AND individuals

Email Jon French: [jon@nextcanada.com](mailto:jon@nextcanada.com)

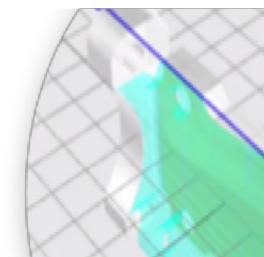


Contact:  
[dekleer@parc.com](mailto:dekleer@parc.com)  
[klenk@parc.com](mailto:klenk@parc.com)

For researchers who want to make meaningful contributions to science and industry:

- Planning
- Multi-Agent Systems
- Knowledge Representation
- Common Sense
- Search
- Diagnosis and Design
- Machine Learning
- Human Computer Interaction

*FUTURE OF  
SYSTEM DESIGN &  
MANUFACTURING*



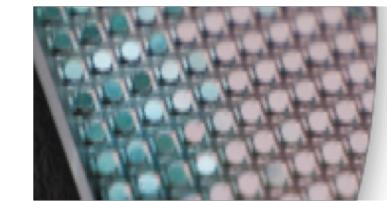
*FUTURE OF AI*



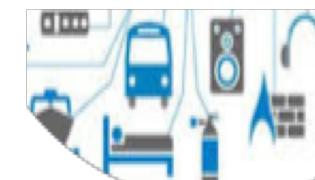
*FUTURE OF  
WORK*



*FUTURE OF  
MICROSYSTEMS*



*FUTURE OF IoT &  
SMART SYSTEMS*



*FUTURE OF  
PRINTING*



# Be a LEADER in 3<sup>rd</sup> Wave AI

**Raytheon  
BBN Technology**

- Pursue *your research goals* with an established R&D company
- Work on *problems that matter* to DARPA
- Be a *leader in Third Wave AI*
- Recruit and hire the staff of your choice to implement your ideas
- Leverage BBN's portfolio to push the state of the art
- Interact directly with customers and transition partners
- Team up with academic and commercial leaders for success
- Publish your work

# SIFT

## The AI Research Company

” It’s like academia without the teaching and the committee work.

*-SIFT employee*

” This is not only my best internship experience ever, it’s the best I’ve ever heard of.

*-SIFT Intern*

” It’s like industry with fewer meetings, more research freedom, and less administrivia.

*-SIFT employee*

### Research in:

Planning, plan recognition, autonomous and collaborative systems, natural language and dialog, human cognition and performance, HMI, HCI, HRI, socially and culturally aware systems, VR/AR, cyber security, formal methods, reasoning under uncertainty, and machine learning.

### Customers:

DARPA, NASA, AFRL, NIST, ONR, BBN, Lockheed Martin, ARL, DTRA, NRL, and more.

### Academic collaborators:

MIT, CMU, Stanford, USC, UMD GA-Tech, John Hopkins, Cornell, UCLA, UMN, Oxford, Brandeis, Tufts, UCSD, Harvard, and more.

### Visit with these SIFT researchers attending AAAI-19:

**Christopher Geib:** cgeib@sift.net

**Rick Freedman:** rfreedman@sift.net

**Dave Musliner:** musliner@sift.net

**Sonja Schmer-Galunder:** sgalunder@sift.net

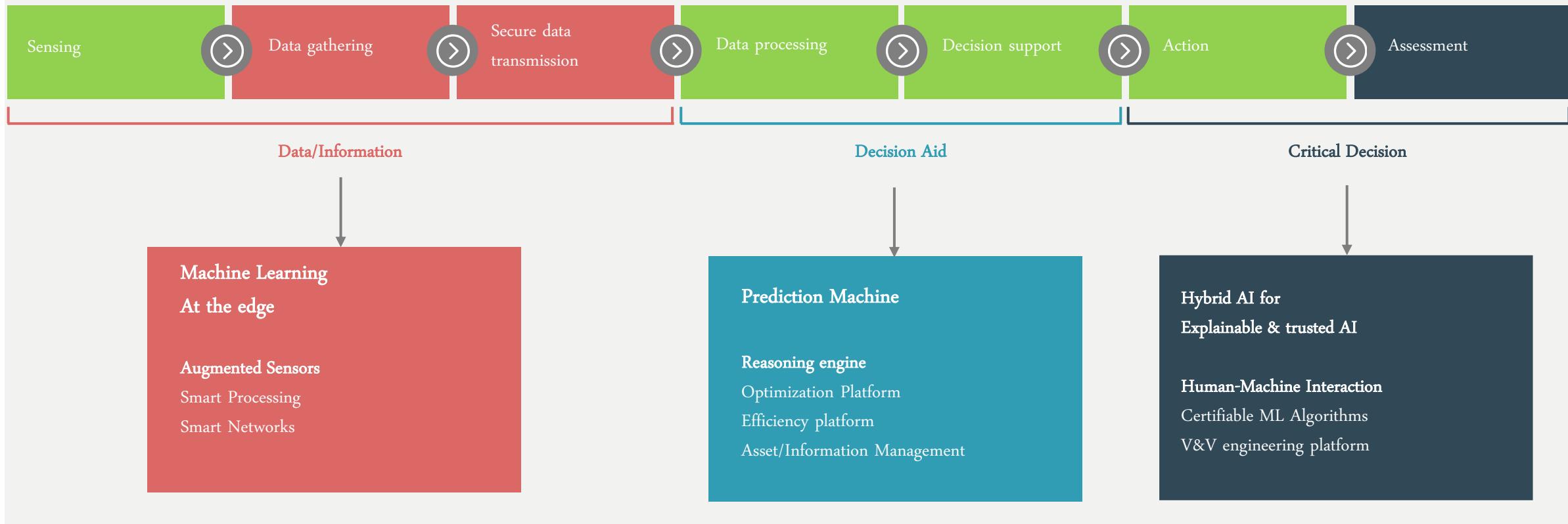
**Ugur Kuter:** ukuter@sift.net

**web:** [www.sift.net/careers](http://www.sift.net/careers)



## AI's impact on the Critical Decision Chain:

### cortAIx current work





For more info,  
please visit our website  
<https://unicen.smu.edu.sg>

Lab Director:  
Professor Hoong Chuin Lau  
[hclau@smu.edu.sg](mailto:hclau@smu.edu.sg)



**Fujitsu-SMU Urban Computing and Engineering Corp. Lab (UNiCEN)** is an R&D Lab based in Singapore Management University with the vision to create capabilities and smart software technology to manage urban problems, while constrained by existing manpower, space and transportation infrastructures.

- Our research focus is on use-inspired data-driven problems that combine AI and OR approaches with high performance computing to create real-world testbed intelligent systems.
- Access to real-world data and problems from companies and government agencies in Singapore
- Job openings for **research scientist and engineer**.
- Welcome current graduate students to join 3-6 months as **interns**
- Eligibility: MSc/PhD in Computer Science (or related disciplines) with background in Optimization, Planning and Scheduling, Multiagent Systems, Machine Learning, Deep Learning, Urban Computing

**Please send me email or meet me at the brochure table!**

# USC/Information Sciences Institute Artificial Intelligence Research



- One of the largest AI research groups in the world:
  - Part of USC's Viterbi School of Engineering, in top 10
  - Around 150 people: Faculty, staff researchers, developers, graduate students
- Located in the Los Angeles – on the beach – eternal summer – over 330 days of sunshine a year!
- Open positions:
  - Staff Researcher: Machine learning and cybersecurity
  - Postdoc: Machine learning and cybersecurity
  - Postdoc: Causal modeling and the semantic web
  - Postdoc: Data science and/or computational social science

## The company

- Initiated by Tencent
- Fastest growing digital bank in China
- Over 100 million users



Tencent 腾讯



## AI Team

- Led By Prof. Qiang Yang
- Began in Feb 2018



## Directions

- Natural language processing, computer vision, speech recognition, deep learning, transfer learning, recommendation systems, knowledge graph, privacy-preserving machine learning, interdisciplinary research between AI and economics.

## Exploration of AI commercialization



### Service Robot

- Intelligent customer service
- Online identity verification



### Online Marketing

- Advertising
- Recommendation



<https://www.fedai.org/>  
Contact: contact@fedai.org

### Federated AI

- Collaborative banking
- Open AI platform with data protection



UNIVERSITY  
*of*  
VIRGINIA

# Business Data Science at Scale

For questions: Don Brown [brown@virginia.edu](mailto:brown@virginia.edu)

**Michael Albert** [albertm@darden.virginia.edu](mailto:albertm@darden.virginia.edu)



UNIVERSITY OF VIRGINIA  
DATA SCIENCE  
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Honolulu



John P. Dickerson, Univ. Maryland  
Christopher Amato, Northeastern





# The ACM SIGAI Industry Award for Excellence in Artificial Intelligence

*to be presented at IJCAI-19*

Nominations due March 1, 2019

[https://sigai.acm.org/awards/industry\\_award.html](https://sigai.acm.org/awards/industry_award.html)