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Greetings from Brazil: Microsoft Research and FAPESP Open 2010 Latin American Faculty Summit

Impactful research and discovery enhances the quality of life across our planet. That's one of the reasons I am honored to chair Microsoft Research's sixth annual Latin American Faculty Summit in Guarujá, Brazil. The summit is a

great example of Microsoft Research's commitment to working with universities around the world, contributing to regional research agendas and increasing research capacity. The summit showcases meaningful ways in which Microsoft and its researchers are combining science and technology...

May 2010

Microsoft Research Blog

Deep learning, machine learning advancements highlight Microsoft's research at NIPS 2015

Posted by George Thomas Jr. Deep learning is all around us. As part of the broad discipline that is machine learning, deep learning increasingly is embedded in our daily lives. Skype Translator is learning how to translate spoken words into more and more languages in near real-time, allowing for face-to-face communication once exclusive to Star Trek's fictional universal translator. Cortana, the personal digital assistant that debuted on Windows Phones and is now widely available on...

December 2015

Microsoft Research Blog

Microsoft researchers present 18 papers at the International Conference on Machine Learning

By Athima Chansanchai, Microsoft News Center Staff Machine learning covers a lot of ground. At Microsoft, it's being incorporated to detect lies, recognize human responses and forecast finances; as well as improve search, natural language processing, advertising, security and gaming. It's a broad discipline that touches daily life through artificial intelligence and the cloud – and it's growing by leaps and bounds. "Machine learning is working. It's making a big difference in a lot of...

June 2016

Microsoft Research Blog

Projects

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Video Games and Artificial Intelligence

Established: June 10, 2009

The tutorial will give an introduction to the area of applying AI techniques, such as learning, search and planning, to video games. It will focus on past and recent applications, open problems and promising avenues for future research, and on resources available to people who would like to work in this space.

Urban Computing

Established: March 18, 2008

Concept (中文主页) Urban computing is a process of acquisition, integration, and analysis of big and heterogeneous data generated by a diversity of sources in urban spaces, such as sensors, devices, vehicles, buildings, and human, to tackle the major issues that cities face, e.g. air pollution, increased energy consumption and traffic congestion. Urban computing connects unobtrusive and ubiquitous sensing technologies, advanced data management and analytics models, and novel visualization methods, to create win-win-win solutions that improve...

TouchDevelop

Established: July 20, 2011

Create apps everywhere on all your devices! For Windows Phone and the web. In the TouchDevelop programming environment you write scripts by tapping on the screen. You do not need a separate PC or keyboard. Scripts can perform various tasks similar to regular apps. Any TouchDevelop user can install, run, edit, publish scripts. You can share scripts with other people by publishing them to the TouchDevelop script bazaar, or by submitting them as an app...

Videos

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Deep Learning for Text Processing

August 4, 2014

Speakers: Li Deng, Eric Xing, Xiaodong He, Jianfeng Gao, Christopher Manning, Paul Smolensky, and Jeff A Bilmes

Affiliation: MSR, Carnegie Mellon University, Microsoft Research, Redmond, MSR Redmond, Stanford, Johns Hopkins University, University of Washington

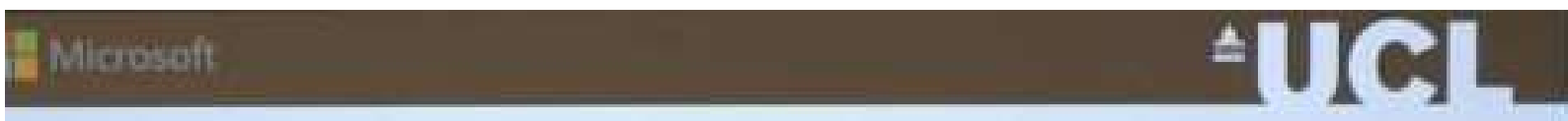


Deep Machine Learning: a Panel

July 16, 2013

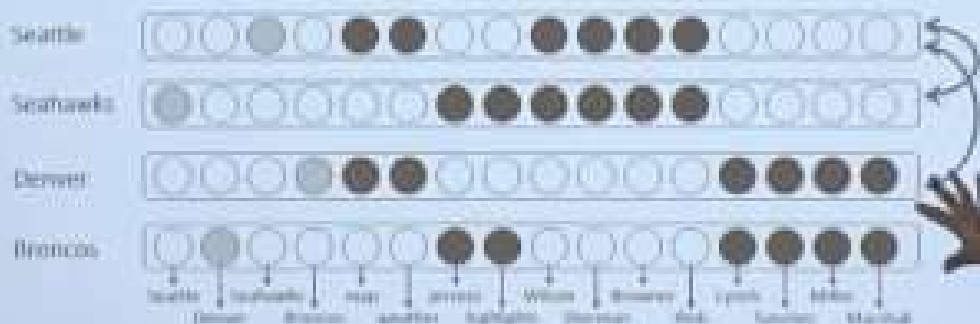
Speakers: Andrew Ng, Honglak Lee, Ruslan Salakhutdinov, and Yoshua Bengio

Affiliation: University of Montreal, University of Michigan – Ann Arbor, Stanford University, University of Toronto



NOTIONS OF SIMILARITY

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(b) "Neighbouring terms" features

Neural Models for Information Retrieval

November 28, 2017

Speakers: Bhaskar Mitra

Affiliation: Microsoft

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Jianfeng Gao

Partner Research Manager





Dan Zhang
Software Engineer



Asli Celikyilmaz
Senior Researcher



Hamid Palangi
Researcher



Bin Gao
Lead Researcher

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The Microsoft Research Colloquium at Microsoft Research New England focuses on research in the foundational aspects of computer science, mathematics, economics, anthropology, and sociology. With an interdisciplinary flavor, this colloquium series features some of the foremost researchers in their fields talking about their research, breakthroughs, and advances.

Microsoft @ WSDM 2019

Melbourne, Australia | February 2019

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