Deep Learning: What's Next

Dr. Andrew Ng
Baidu, Inc.
Computer Science Department, Stanford University
ang@cs.stanford.edu

ABSTRACT

Deep Learning has transformed many important tasks, including speech and image recognition. Deep Learning systems scale well by absorbing huge amounts of data to create accurate models. However, as Deep Learning has become more mainstream, it has generated some hype, and has been linked to everything from world peace to evil killer robots. In this talk, Dr. Ng will help separate hype from reality, and discuss potential ways that Deep Learning technologies can benefit society in the short and long term.

Short Bio

Andrew Ng is Chief Scientist at Baidu. He leads Baidu Research, which includes the Silicon Valley AI Lab, the Institute of Deep Learning and the Big Data Lab. The organization brings together global research talent to work on fundamental technologies in areas such as image recognition and image-based search, speech recognition, natural language processing and semantic intelligence. In addition to his role at Baidu, Dr. Ng is a faculty member in Stanford University's Computer Science Department, and Chairman of Coursera, an online education platform that he co-founded. Dr. Ng is the author or co-author of over 100 published papers in machine learning, robotics and related fields. He holds degrees from Carnegie Mellon University, MIT and the University of California, Berkeley.