

CATHERINE DONG

cdong@cs.stanford.edu • (949) 241-7906

EDUCATION

Stanford University, B.S. 2016, M.S. 2017

M.S. Candidate in Computer Science (2017), Artificial Intelligence and Human-Computer Interaction dual depth

B.S. Computer Science (2016), Artificial Intelligence track

Relevant Coursework – CS229 (Machine Learning), CS221 (Artificial Intelligence), CS231N (ConvNets and Computer Vision), CS224W (Network Analysis), CS 269I (Incentives), CS224N (NLP), CS147 (HCI), CS246 (Data Mining), CS245 (Databases), CS161 (Algorithms), CS110 (Computer Systems), CS142 (Web Apps), CS144 (Networking), CS148 (Graphics)
G.P.A – 3.85

University of Oxford, Visiting Student, Trinity Term 2015, Tutorial in Cognitive Psychology

WORK EXPERIENCE

Uber June 2016 – September 2016
Software Engineering Intern San Francisco, CA

- Developed real-time supply/demand forecasting models using machine learning to position drivers more effectively.
- Created a platform to evaluate the performance of driver positioning experiments from the driver and business perspectives.

Facebook June 2015 – September 2015
Software Engineering Intern New York, NY

- Developed a ranking algorithm for Nearby Places search results. Evaluated results by launching user experiments.
- Engineered and trained a classifier to predict the price range of consumer businesses.

Google June 2014 – September 2014
Software Engineering Intern Mountain View, CA

- Constructed pipelines for Street View image processing, specifically photo text transcription and evaluation.
- Worked with large-scale data, MapReduce, machine learning, and computer vision.

Tango June 2013 – November 2013
Software Engineering Intern Mountain View, CA

- Developed an auto-scaling system automate DNS record registration, request routing, and load balancing.

Stanford Computer Science Department September 2016 – December 2016
Teaching Assistant, CS221: Artificial Intelligence Principals and Techniques Stanford, CA

- Taught section for 700+ students, liaison for 100+ remote students, held office hours and graded exams and projects

Stanford Computer Science Department January 2016 – March 2016
Teaching Assistant, CS231N: Convolutional Neural Networks for Computer Vision Stanford, CA

- Held office hours to provide assistance and advice on homework and projects; graded assignments and exams.

Stanford Computer Science Department March 2014 – March 2015
Section Leader, CS106A: Programming Methodology Stanford, CA

- Introductory CS class; taught weekly sections of about 12 new CS students, held 1:1 assignment grading sessions

ORGANIZATIONS AND HONORS

KPCB (Kleiner Perkins Caufield & Byers) Fellows Program June 2016 – September 2016
Engineering Fellow Stanford, CA

- Highly selective summer fellowship for connecting with tech company founders/executives and KPCB venture partners.

Tau Beta Pi Engineering Honors Society Sept 2015 – present
Member Stanford, CA

- Honor society for the top 20% of Stanford Engineering students.

Business Association of Stanford Entrepreneurial Students (BASES) September 2014 – June 2016
Operations Officer Stanford, CA

- Coordinate professional development workshops, all-hands meetings, and social events for 70+ members.