CATHERINE DONG

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EDUCATION

Stanford University, B.S. 2016, M.S. 2017
B.S. Computer Science (2016), Artificial Intelligence track
M.S. Candidate in Computer Science (2017), Artificial Intelligence and Human-Computer Interaction dual depth

Relevant Coursework – CS229 (Machine Learning), CS221 (Artificial Intelligence), CS231N (ConvNets and Computer Vision), CS224N (Natural Language Processing), CS161 (Algorithms), CS109 (Probability), CS110 (Computer Systems), CS142 (Web Apps), CS246 (Data Mining), CS245 (Databases), CS144 (Networking), CS274 (Biocomputation)
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*
- Computed metrics to evaluate the effectiveness of driver positioning experiments from the driver and business perspectives.
- Processed data and ran machine learning algorithms to develop forecasting models for driver positioning.

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 business.

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, machine learning, and computer vision.

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 - present
Section Leader, CS106 series   *Stanford, CA*
- Taught weekly sections of about 12 students, held office hours, graded assignments and exams.

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.

ORGANIZATIONS AND HONORS

KPCB (Kleiner Perkins Caufield Byers) Fellows Program   June 2016 – September 2016
Engineering Fellow   *Stanford, CA*
- Highly selective summer fellowship for networking with tech company founders/executives and KPCB 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 bonding events for 70+ members.

The Stanford Daily   August 2014 – June 2016
Copy Editor   *Stanford, CA*
- Edited articles across all sections for grammar, readability, and AP Style guidelines. Finalized articles for publication.