

# CATHERINE DONG

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## EDUCATION

9/12 – 6/2016

**Stanford University, Class of 2016**

**B.S. Candidate in Computer Science**, Artificial Intelligence track

*Relevant Coursework:* CS229 (Machine Learning), CS221 (Artificial Intelligence), CS161 (Algorithms), CS109 (Probability), CS110 (Computer Systems), CS274 (Biocomputation), CS142 (Web Apps), CS144 (Networking), PSYCH209 (Neural Networks/Deep Learning), CS231N (ConvNets and Computer Vision), CS124 (Natural Language Processing)  
*GPA:* 3.86

## SKILLS

**Programming Languages:** C++, C, Python, Java, MATLAB, Ruby

**Other:** Strong writing ability, Chinese Mandarin language (verbal)

## EXPERIENCE

3/14 – present

**CS106 Section Leader**, *Stanford University*, Stanford, CA

- Section Leader (TA) for the introductory computer science class at Stanford.
- Teach weekly sections of ~12 students, hold office hours, grade assignments and exams.

6/14 – 9/14

**Software Engineering Intern**, *Google*, Mountain View, CA

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

6/13 – 11/13

**Engineering Intern**, *Tango Me*, Mountain View, CA

- Wrote Ruby scripts to automate DNS record registration and request routing as part of an auto-scaling project.
- Wrote PHP load-balancing scripts based on real-time data.
- Created an automation system for smoke testing and monitoring of the Tango mobile app; wrote scripts to simulate user behavior on iOS and Android devices.

## LEADERSHIP & ACTIVITIES

9/14 – present

**Copy Editor**, *The Stanford Daily*, Stanford, CA

- Edit articles across all sections for grammar/readability and AP Style guidelines. Finalize articles for publication.
- Headline articles and caption photos during the layout process

9/14 – present

**Core Officer**, *Business Association of Stanford Entrepreneurial Students*, Stanford, CA

- Coordinate biweekly professional development workshops and all-hands meetings of 70+ members.
- Plan and execute mixers with guest speakers and team bonding events.

9/12 – present

**Event Committee Member**, *Women in Computer Science*, Stanford, CA

- Organize and attend events, including speaker series and mixers, to enhance the community of female Computer Science students at Stanford and to promote the advancement of women in the tech industry.

10/12 – 6/14

**Lead Outreach Officer**, *Stanford Undergraduate Research Journal*, Stanford, CA

- Managed the outreach team to perform marketing operations including developing relationships with faculty, publicizing the journal to increase visibility and submissions, and improving the website.
- Previously the Lead Production Officer and Lead Copy Editor.