

CYNTHIA YIN

531 Lasuen Mall, P.O. Box 16919, Stanford, CA 94309 • (805) 341-3651
cynthiay@stanford.edu • www.linkedin.com/in/yincynthia • <https://cynthiaxyin.github.io/>

EDUCATION

Stanford University

B.S. in Computer Science (Information Track)

Selected Coursework: Design and Analysis of Algorithms, Computer Organization and Systems,
From Languages to Information Web Applications, Android Programming,
Introduction to Databases, An Intro to Making: What is EE

Stanford, CA
9/2014 – 6/2018 (expected)
Cumulative GPA: 3.09

EXPERIENCE

Amazon

Software Engineering Intern

- Working with the Amazon Music team

San Francisco, CA
6/2017 – present

Juniper Networks

Software Engineering Intern

- Enabled dev test automation for SRX/vSRX firewall platforms to ensure high quality code for customers
- Improved flow debuggability for pre-commit, submit-to-commit, and continuous integration processes

Sunnyvale, CA
6/2016 – 9/2016

Stanford Molecular Imaging Instrumentation Laboratory

Electrical Engineering Intern

- Simulated a multimodal PET/MRI system for brain imaging via MATLAB and COMSOL Multiphysics

Stanford, CA
6/2015 – 9/2015

UCLA Micro Systems Laboratories & Center for Oral/Head and Neck Oncology Research

Researcher for the NSF Center for Scalable and Integrated NanoManufacturing

- Engineered nanodiamonds for highly efficient drug delivery and disease treatment
- Investigated nanoparticle-induced pattern self-organization in oscillatory chemical reactions
- Pinpointed optimal drug cocktails to treat triple-negative breast cancer via Feedback System Control
- Evaluated cytoskeletal integrity after drug treatment through fluorescence and time-lapse microscopy

Los Angeles, CA
8/2011 – 8/2014

TECHNICAL SKILLS

Python, C++, Java, C, HTML, CSS, JavaScript, AngularJS, Android Studio, SQL, Unix, MATLAB, COMSOL Multiphysics, ImageJ
Some experience with XML, Perl, Adobe InDesign

LEADERSHIP

Stanford Society of Women Engineers (SWE)

VP of External Affairs

- Manage corporate engagement by coordinating the Speaker Series and Corporate Mentorship Programs
- Lead the Professional Development Committee in organizing company tours and career workshops
- Oversee planning for the annual Evening with Industry and End-of-Year Banquet events

3/2016 – present

Secretary

- Link the internal workings of SWE with its members and oversee recruiting from corporate sponsors
- Spearhead the Women of SWE project to highlight the stories of Stanford's women engineers

3/2015 – 6/2016

Spectra Hackathon

Co-Director

- Plan and organize biannual hackathons and workshops for women in tech
- Lead marketing, public relations, social media strategy, and photography

2/2016 – present

Assembled (previously TenXList)

Advisor

- Engaged with a professional network of 5,000 of the world's top young people in science and technology
- Provided valuable feedback regarding user experience and new platform features

11/2015 – 8/2016

Girls Teaching Girls to Code

Code Camp Mentor

- Taught 50+ high school girls Android development by creating a spin-off of the Snapchat mobile app

2/2015 – 4/2015

AWARDS & HONORS

Society of Women Engineers (SWE) Leadership Awards

2014 – 2017

Google & Women Techmakers International Women's Day Summit Guest

2017

Grace Hopper Celebration of Women in Computing Scholar

2016

VMware Women Transforming Technology Inaugural Event Guest (1 of 7 students selected to attend)

2016

Society for Laboratory Automation and Screening (SLAS) Conference Presenter and Tony B. Academic Awardee

2014 – 2015

U.S. President's Education Award for Outstanding Academic Excellence

2014

Intel Science Talent Search (STS) Semifinalist

2014

Intel International Science and Engineering Fair (ISEF) Finalist

2012