

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

Incoming Software Engineering Intern

- Joining the Amazon Music team

San Francisco, CA
Starting 6/2017

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

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
Society of Women Engineers (SWE) and Chrysler Foundation Scholar	2014
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