

# CYNTHIA YIN

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## EDUCATION

### Stanford University

B.S. in Computer Science (Information Track)

Selected Coursework: Computer Organization and Systems, Introduction to Databases,  
Web Applications, Android Programming, An Intro to Making: What is EE

Stanford, CA  
9/2014 – 6/2018 (expected)  
Cumulative GPA: 3.07

## EXPERIENCE

### Amazon

*Incoming Software Engineering Intern*

Starting 6/2017

### Juniper Networks

*Software Engineering Intern*

Sunnyvale, CA  
6/2016 – 9/2016

- 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

### Stanford Molecular Imaging Instrumentation Laboratory

*Electrical Engineering Intern*

Stanford, CA  
6/2015 – 9/2015

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

### UCLA Center for Oral/Head and Neck Oncology Research

*Researcher*

Los Angeles, CA  
7/2014 – 8/2014

- Engineered nanodiamonds for highly efficient drug delivery and disease treatment

### UCLA Micro Systems Laboratories

*Researcher for the NSF Center for Scalable and Integrated NanoManufacturing*

Los Angeles, CA  
8/2011 – 8/2014

- 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

## TECHNICAL SKILLS

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

## LEADERSHIP

### Stanford Society of Women Engineers (SWE)

*VP of External Affairs*

3/2016 – present

- Manage corporate engagement by coordinating the Speaker Series and Corporate Mentorship Programs
- Coordinate the Professional Development Committee to organize company tours and career workshops
- Oversee planning for the annual Evening with Industry event

*Secretary*

3/2015 – 6/2016

- 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

### Spectra Hackathon

*Co-Director*

2/2016 – present

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

### Assembled (previously TenXList)

*Advisor*

11/2015 – 8/2016

- 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

### Girls Teaching Girls to Code

*Code Camp Mentor*

2/2015 – 4/2015

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

## AWARDS & HONORS

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
United States Golf Association (USGA) and Chevron STEM Scholar	2014
Intel International Science and Engineering Fair (ISEF) Finalist	2012