

# CYNTHIA YIN

[cynthiay@stanford.edu](mailto:cynthiay@stanford.edu) • [www.linkedin.com/in/yincynthia](http://www.linkedin.com/in/yincynthia) • <https://cynthiaxyin.github.io/> • (805) 341-3651

## OBJECTIVE

Seeking internship or full-time opportunities in product management starting June 2018 or later.

## 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: 3.08

## EXPERIENCE

### Amazon

Software Engineering Intern

- Built new playlist features for Amazon Music to increase customer engagement and enjoyment
- Worked with product, design, and client teams to plan high-quality feature delivery to customers

San Francisco, CA

6/2017 – 9/2017

### 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

Programming languages: *Intermediate* – Python, Java, C++, C, HTML, CSS, MATLAB  
*Beginner* – Java Spring framework, XML, JavaScript, AngularJS, SQL, Perl  
Software development tools: Unix, Git, Scrum/Agile methodologies, Amazon DynamoDB  
Software IDEs: Arduino, Android Studio, IntelliJ, Qt Creator, NetBeans

## LEADERSHIP

### Stanford Society of Women Engineers (SWE)

VP of External Affairs

- Lead 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

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

3/2015 – 6/2016

### Spectra Hackathon

Co-Director

- Planned and organized biannual hackathons and workshops for women in tech
- Led marketing, public relations, social media strategy, and photography

2/2016 – 8/2017

### 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  
Intel Science Talent Search (STS) Semifinalist 2014  
Intel International Science and Engineering Fair (ISEF) Finalist 2012