

# CYNTHIA YIN

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## OBJECTIVE

Seeking full-time opportunities in product management or front-end/mobile development 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, Object-Oriented Systems Design, From Languages to Information, Web Applications, Android Programming, Introduction to Databases, Computational Biology, 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* – Java, Python, C++, C, HTML, CSS, MATLAB  
*Beginner* – Java Spring framework, XML, SQL, JavaScript, AngularJS, Perl  
Software development tools: Unix, Git, Scrum/Agile methodologies, Amazon DynamoDB  
Software IDEs: Android Studio, Arduino, IntelliJ, Eclipse, Qt Creator, NetBeans

## 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

- 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  
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