

CYNTHIA YIN

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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: 2.9

EXPERIENCE

Cloudera

Incoming Software Engineer

Palo Alto, CA

starting 7/2018

Amazon

Software Engineering Intern

San Francisco, CA

6/2017 - 9/2017

- 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

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 Micro Systems Laboratories

Researcher

Los Angeles, CA

8/2011 - 8/2014

- 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

TECHNICAL SKILLS

Programming languages: *Intermediate* – Java, JUnit testing framework, 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

3/2016 - present

- 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

Secretary

3/2015 - 6/2016

- 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

Spectra Hackathon

Co-Director

2/2016 - 8/2017

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

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

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