CYNTHIA YIN

cynthiay@stanford.edu • www.linkedin.com/in/yincynthia • https://cynthiaxyin.github.io/ • (805) 341-3651

OBJECTIVE

Seeking full-time opportunities in product management or software engineering (front-end/mobile focus) starting June 2018 or later.

EDUCATION

Stanford University   Stanford, CA
    B.S. in Computer Science (Information Track)   9/2014 – 6/2018 (expected)
    Selected Coursework: Design and Analysis of Algorithms, Computer Organization and Systems,   Cumulative GPA: 3.08
            Object-Oriented Systems Design, From Languages to Information,
            Web Applications, Android Programming, Introduction to Databases,
            Computational Biology, An Intro to Making: What is EE

EXPERIENCE

Amazon   San Francisco, CA
Software Engineering Intern   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   Sunnyvale, CA
Software Engineering Intern   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   Stanford, CA
Electrical Engineering Intern   6/2015 – 9/2015
- Simulated a multimodal PET/MRI system for brain imaging via MATLAB and COMSOL Multiphysics

UCLA Micro Systems Laboratories & Center for Oral/Head and Neck Oncology Research   Los Angeles, CA
Researcher for the NSF Center for Scalable and Integrated NanoManufacturing   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