CYNTHIA YIN

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EDUCATION

Stanford University	Stanford, CA
B.S. in Computer Science (Information Track)	9/2014 – 6/2018 (expected)
Selected Coursework: Computer Organization and Systems, Web Applications,	Cumulative GPA: 3.04

Android Programming, Mathematical Foundations of Computing,
Probability for Computer Scientists, An Intro to Making: What is EE

EXPERIENCE

Amazon
Incoming Software Engineering Intern   Starting 6/2017

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

Molecular Imaging Instrumentation Laboratory, Stanford University School of Medicine   Stanford, CA
Electrical Engineering Intern   6/2015 – 9/2015
- Simulated a multimodal PET/MRI system for brain imaging via MATLAB and COMSOL Multiphysics

Center for Oral/Head and Neck Oncology Research, UCLA School of Dentistry   Los Angeles, CA
Researcher   7/2014 – 8/2014
- Engineered nanodiamonds for highly efficient drug delivery and disease treatment

Micro Systems Laboratories, UCLA School of Engineering and Applied Science   Los Angeles, CA
Researcher for the NSF Center for Scalable and Integrated NanoManufacturing   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, 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
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 bi-annual 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
- Moderated online discussions and facilitated local in-person meet-ups

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