# CYNTHIA YIN

531 Lasuen Mall, P.O. Box 16919, Stanford, CA 94309 • (805) 341-3651
cynthiay@stanford.edu • www.linkedin.com/in/yincynthia • https://cynthiaxyin.github.io/

## OBJECTIVE

Seeking an internship for summer 2017 in software engineering (focus on front-end / mobile development).

## 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, Android Programming, Mathematical Foundations of Computing, Probability for Computer Scientists, An Intro to Making: What is EE — Cumulative GPA: 3.04

## EXPERIENCE

**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

**Sacramento Municipal Utility District (SMUD) Tiny House Competition**
*Stanford University Tiny House Project, Computer Science Team Lead* — 4/2015 – 9/2015
- Envisioned a tiny net-zero solar house that would be a unique urban oasis and rural retreat
- Aimed to implement smart technology and mobile apps for enhanced user experience

**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

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