

# CYNTHIA YIN

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## OBJECTIVE

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

## EDUCATION

<b>Stanford University</b> B.S. in Computer Science (Information Track) 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	Stanford, CA 9/2014 – 6/2018 (expected) Cumulative GPA: 3.04
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## EXPERIENCE

<b>Juniper Networks</b> <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Enabled dev test automation for SRX/vSRX firewall platforms to ensure high quality code for customers</li><li>Improved flow debuggability for pre-commit, submit-to-commit, and continuous integration processes</li></ul>	Sunnyvale, CA 6/2016 – 9/2016
<b>Molecular Imaging Instrumentation Laboratory, Stanford University School of Medicine</b> <i>Electrical Engineering Intern</i> <ul style="list-style-type: none"><li>Simulated a multimodal PET/MRI system for brain imaging via MATLAB and COMSOL Multiphysics</li></ul>	Stanford, CA 6/2015 – 9/2015
<b>Center for Oral/Head and Neck Oncology Research, UCLA School of Dentistry</b> <i>Researcher</i> <ul style="list-style-type: none"><li>Engineered nanodiamonds for highly efficient drug delivery and disease treatment</li></ul>	Los Angeles, CA 7/2014 – 8/2014
<b>Micro Systems Laboratories, UCLA School of Engineering and Applied Science</b> <i>Researcher for the NSF Center for Scalable and Integrated NanoManufacturing</i> <ul style="list-style-type: none"><li>Investigated nanoparticle-induced pattern self-organization in oscillatory chemical reactions</li><li>Pinpointed optimal drug cocktails to treat triple-negative breast cancer via Feedback System Control</li><li>Evaluated cytoskeletal integrity after drug treatment through fluorescence and time-lapse microscopy</li></ul>	Los Angeles, CA 8/2011 – 8/2014

## 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

<b>Stanford Society of Women Engineers (SWE)</b> <i>VP of External Affairs</i> <ul style="list-style-type: none"><li>Manage corporate engagement by coordinating the Speaker Series and Corporate Mentorship Programs</li></ul>	3/2016 – present
<b>Secretary</b> <ul style="list-style-type: none"><li>Link the internal workings of SWE with its members and oversee recruiting from corporate sponsors</li><li>Spearhead the Women of SWE project to highlight the stories of Stanford's women engineers</li></ul>	3/2015 – 6/2016
<b>Spectra Hackathon</b> <i>Co-Director</i> <ul style="list-style-type: none"><li>Plan and organize bi-annual hackathons and workshops for women in tech</li><li>Lead marketing, public relations, and social media strategy</li></ul>	2/2016 – present
<b>Assembled (previously TenXList)</b> <i>Advisor</i> <ul style="list-style-type: none"><li>Engaged with a professional network of 5,000 of the world's top young people in science and technology</li><li>Provided valuable feedback regarding user experience and new platform features</li><li>Moderated online discussions and facilitated local in-person meet-ups</li></ul>	11/2015 – 8/2016
<b>Sacramento Municipal Utility District (SMUD) Tiny House Competition</b> <i>Stanford University Tiny House Project, Computer Science Team Lead</i> <ul style="list-style-type: none"><li>Envisioned a tiny net-zero solar house that would be a unique urban oasis and rural retreat</li><li>Aimed to implement smart technology and mobile apps for enhanced user experience</li></ul>	4/2015 – 9/2015
<b>Girls Teaching Girls to Code</b> <i>Code Camp, Mentor</i> <ul style="list-style-type: none"><li>Taught 50+ high school girls Android development by creating a spin-off of the Snapchat mobile app</li></ul>	2/2015 – 4/2015

## 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