
EMILY LING

PRESENT ADDRESS

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PERMANENT ADDRESS

1351 Lee Place
San Jose, CA 95131

EDUCATION

9/2014 - present

Stanford University, Stanford, CA

- Pursuing BS degree in Computer Science, to be conferred 6/2018
- Coursework includes Web Applications, Computer Organization & Systems, Artificial Intelligence, Android Application Development, Programming Abstractions in C++, Linear Algebra
- GPA: 4.043/4.0

EXPERIENCE

6/2015 - 9/2015

WhatsApp Software Engineering Intern | Facebook | Mountain View, CA

- Intern on the Tools Team, focusing on automation across many languages and client platforms
- Automated Android, iOS, and Windows phone apps in 22+ languages
- Wrote code in Python, Javascript, Java, C#

4/2015 - Present

CS 106 Section Leader | Stanford University CS 198 | Stanford, CA

- Serve as a teaching assistant for Stanford University's introductory computer science classes
- Teach weekly discussion sections of 8 to 12 students
- Debug code in both Java and C++; Grade homework assignments and exams

10/2014 - 4/2015

Web Developer & Student Researcher | HOPES | Stanford, CA

- Paid position at the Huntington's Outreach Project for Education, at Stanford
- Update and maintain web site
- Research, write articles, and plan graphics for Huntington's Disease-related topics

4/2013 - 7/2014

Chief Operating Officer | Atlas Tutors | Aurora, IL

- Supervised and trained a team of ten tutors in SAT, ACT, biology, math, physics
- Interacted with clients to generate repeat and referral business
- Oversaw a yearly revenue of over \$5000

6/2012 - 5/2014

Research Intern | Neurobiology lab, Feinberg School of Medicine | Chicago, IL

- Identified potential therapeutic treatments for amyotrophic lateral sclerosis (ALS) using *Drosophila* and mice models; Characterized synapse formation in microfluidic chambers
- Completed four research papers on four independent projects

EXTRACURRICULAR ACTIVITIES

6/2015 - Present

Organizing Team Member | TreeHacks

- Help to organize and plan TreeHacks, an annual hackathon put on by Stanford University.

6/2015 - Present

HackOverflow Board Member | Women in Computer Science

- Plan HackOverflow, an annual hackathon at Stanford that promotes women in computer science

12/2014 - Present

Finance Team Board Member & Mentor | Girls Teaching Girls to Code

- Manage sponsorships and finances for a program that inspires girls to pursue computer science.
- Design and teach curriculum for an annual Code Camp

1/2015 - 6/2015

Project Team Member | Engineers for a Sustainable World

- Worked with PATH, an NGO, to develop a remote monitoring system for vaccine refrigerators
- Built a password-protected web application that receives data via SMS, allowing users to graph and download data (implemented in Ruby and Sinatra)

PROJECTS

5/2015

Mass Texting: A Ruby on Sinatra application to send MMS and SMS messages to a list of users

2/2015

Photo-sharing Website: A Ruby on Rails application for uploading and commenting on photos

2/2015

To Do List: A simple Android app allowing users to add, edit, and delete tasks

11/2014

Boggle: A human vs. computer version of the word game Boggle in C++

SKILLS

Technical: Python, Java, C++, Ruby on Rails, JavaScript, HTML/CSS, Android, Photoshop scripting.

Languages: Fluent in English, Chinese. Conversational French.

INTERESTS

Singing, Flute, Guitar, Snowboarding, Tennis, Photography