

Julia Luo

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Skills

- ▶ Python
- ▶ Java
- ▶ HTML/CSS
- ▶ Javascript
- ▶ SQL
- ▶ Android
- ▶ Firebase
- ▶ React JS

Education

University of California, Berkeley

Electrical Engineering and Computer Science (EECS)
4.0/4.0 GPA

Berkeley, California
2016 – 2020

London Central Secondary School

Ontario Secondary School Diploma
Grade 12 (senior year) final average of 98%

London, Ontario
2012 - 2016

Experience

Google

Engineering practicum intern

- ▶ Revamp the application, emailing, and auto-rejection flow for YouTube Content ID
- ▶ Developed back-end with Python and front-end with Spitfire templating language, HTML, and Javascript

Mountain View, California
May 2017 – Present

University of California, Berkeley

Computer science academic intern

- ▶ Assist in teaching a weekly lab and office hour session for the course CS61A
- ▶ Help students with concepts like recursion, mutation, and OOP, as well as homework and projects

Berkeley, California
Jan. 2017 – May 2017

Activities

Mobile Developers of Berkeley

Android developer

- ▶ Student-run organization that designs, develops, and launches iOS and Android mobile applications
- ▶ Collaborate with team of 4 to build, launch, and market the Preserve app (more information below)

Berkeley, California
Jan. 2017 – Present

Codebase

Contract developer

- ▶ Cooperate with team of 7 to build mobile framework using React Native for the pool management start-up Sutro
- ▶ Mobile application connects with Sutro's database to display pool status information and products to consumers

Berkeley, California
Jan. 2017 – Present

Computer Science Mentors

Junior mentor

- ▶ Student-run organization to provide struggling computer science students with tutoring support
- ▶ Manage a group of 4-5 CS61A students, hosting weekly sessions to clarify and expand on course content

Berkeley, California
Jan. 2017 – Present

Projects

Preserve

Developed for Mobile Developers of Berkeley

- ▶ Expiry date tracking Android app which features receipt-scanning, smart expiry date prediction, and notifications
- ▶ Developed using Android Studio with Firebase back-end integration and Google Mobile Vision API

Berkeley, California
Apr. 2017

Petreon

Developed for TreeHacks 2017

- ▶ Facebook Messenger bot and website hosting a patron system for pledging for and adopting homeless animals
- ▶ Front-end developed using HTML, CSS, Javascript, and JQuery, and back-end using AWS lambdas

Palo Alto, California
Feb. 2017

Ethos

Winner of Social Impact award at CalHacks 2016

- ▶ Chrome extension that uses IBM Watson API to report the objectivity of articles and generate author profiles
- ▶ Front-end developed using HTML, CSS, Javascript, and JQuery, and back-end using Flask and PostgreSQL

Berkeley, California
Nov. 2016