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)
3.9/4.0 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

Mountain View, California
May 2017 – Present

- 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

University of California, Berkeley
Computer science academic intern

Berkeley, California
Jan. 2017 – May 2017

- 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

Activities

Mobile Developers of Berkeley
Android developer

Berkeley, California
Jan. 2017 – Present

- 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)

Codebase
Contract developer

Berkeley, California
Jan. 2017 – Present

- 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

Computer Science Mentors
Junior mentor

Berkeley, California
Jan. 2017 – Present

- 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

Projects

Preserve
Developed for Mobile Developers of Berkeley

Berkeley, California
Apr. 2017

- 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

Petreon
Developed for TreeHacks 2017

Palo Alto, California
Feb. 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

Ethos
Winner of Social Impact award at CalHacks 2016

Berkeley, California
Nov. 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