



Education

University of California, Los Angeles (Los Angeles, CA)

B.S. Computer Science - Henry Samueli School of Engineering and Applied Science

Expected June 2020

Relevant Coursework: Introduction to C++, Data Structures and Algorithms, Computer Architecture, Logic Design of Digital Systems, Discrete Structures, Multivariable Calculus, Linear Algebra, Differential Equations

Horizons School of Technology (San Francisco, CA)

Full Stack Software Engineering

June - Sep 2017

450+ hours of web development and SWE curriculum

Experience

ClassCalc (Los Angeles, CA)

Software Engineering Intern

June 2018 - Sep 2018

- Developed iOS matrix calculator in React, Redux and created custom mathematical expression parser with Jison
- Improved custom expression parsing for scientific calculator and developed logic for systematically formatting answers
- Optimized user interactions on touch events for the graphing calculator with a map of priorities for various board objects

Campus Events Commission (Los Angeles, CA)

Assistant Director of Web Development and Mobile Developer

Sep 2017 - present

- Developed front-end of mobile application using React Native and Redux for CEC, UCLA's largest events organization
- Oversee project management for web development projects, including CEC's mobile app and main website
- Teach frameworks/technologies at staff workshops, including React, HTML/CSS, and Node.js

Projects

Ohutu

Community-based mobile app for walking home safely

August 2017

- Created a REST API backend for React Native application
- Developed a secure authentication process for users using JSON web tokens
- Designed and developed UI and product logo

Personal Finance Ledger App

Desktop application to help develop financial responsibility

May 2018

- Developed and designed frontend for Electron desktop application using React and Redux
- Implemented budgeting and categorizing features to help users visualize spending habits
- Developed onboarding and authentication process with Google login

Slack Scheduler Bot

Slack application for scheduling to-dos and meetings on users' Google Calendars

July 2017

- Worked with Slack, Google Calendar, and Dialogflow APIs
- Wrote script for Google calendar authentication using OAuth 2.0
- Oversaw flow for scenarios when event invitees had not all given permission for bot to access their calendars

Skills

- Programming Languages: JavaScript (advanced), C++ (advanced), Python (proficient), Bash (basic)
- Frameworks: Node.js, Express, MongoDB, React, React Native, Redux, jQuery, Socket.io, Heroku
- Skills and Software: Adobe Illustrator, HTML, CSS, Xcode, Maya