MICHAEL WAN

SOFTWARE ENGINEER

michaelw99.github.io
github.com/michaelw99
linkedin.com/in/michaelw99

2430 Prospect Street
Apt 205
Berkeley, CA 94704
Contact
michaelw99@berkeley.edu
(775) 762-7984

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
B.A. in Computer Science (GPA: 3.3)   Fall 2017

Relevant Coursework: Algorithms (WIP), Security (WIP), Networking (WIP), Database Systems, Artificial Intelligence, Data Structures, Concepts in Computing with Data , Machine Structures, Discrete Math and Probability Theory

EXPERIENCE

HEROKU
Software Engineering Intern   Summer 2016

Contributed fixes and updates to the Heroku Dashboard application, working mainly with Ember.js, and a side of Ruby. Implemented and helped design Team Overview for recently launched Heroku Teams, an interface aggregating relevant information in a single space. Conceptualized ideas to drive metrics for the new product.

STROLL HEALTH
Software Engineering Intern   Spring 2016

Fixed and added features to the phsycian portal, using Angular, HTML, and CSS. Collaborated with a small group to continue improving the application for consumer use.

UNIVERSITY OF NEVADA, RENO
iOS Development Intern   Summer 2015

Developed a pair of mobile apps that record and distribute traffic information data for the use of law enforcement and the public. Wrote a multi-threaded TCP server that handles basic data request and submission from multiple clients.

UNIVERSITY OF CALIFORNIA, BERKELEY
Lab Assistant   Spring 2015, Fall 2015

Assisted TAs in labs for two prerequisite CS classes. Helped clarify concepts and guided students on their work as needed. Gave guidance to students for homework and projects during office hours.

LANGUAGES

Language	Level
Python	10/11
Java	10/11
C	8/11
Objective-C	7/11
HTML&CSS	8/11
Javascript	8/11
Ruby on Rails	7/11
SQL	6/11
R	3/11

SKILLS

Skill	Level
Unix	6/11
XCode	5/11
Git	5/11
Photoshop	7/11

PROJECTS

INCIDENT REPORT
Objective-C, Java

A pair of iOS apps and a server I wrote during my summer internship. The apps provide a clean interface for inputting and displaying traffic incident data. Information is updated on timed intervals, manually, or by distance travelled.

VERSION CONTROL
Java

Implementation of a local version control system much like Git. It allows for basic functions such as commit, merge, rebase, remove and etc.

GROCERY SPLIT
HTML&CSS, Ruby on Rails

A web app that manages lists of items and prices within groups. Facebook account linking is integrated allowing a quick setup and a simple way to find friends.

MEAL PLAN
Swift

A current project, a mobile app that keeps track of meals and inventory, reminding the user to cook, and go grocery shopping. It keeps track of recipes and the needed ingredients for the week.

PERSONAL WEBSITE
HTML&CSS, JAVASCRIPT

A current project, currently a simple single page website with basic information and links. Am currently working on a photo portfolio to add onto the site.

HOBBIES AND ACTIVITIES

- Photography
- Piano
- Tennis
- Drawing
- Travelling
- Gaming