MICHAEL WAN

SOFTWARE ENGINEER

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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, and a side of Ruby. Implemented and helped design Team Overview for a recently launched Heroku Teams, an interface aggregating relevant metrics into 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 physician 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.

SKILLS AND FRAMEWORKS

Photoshop	●●●●●●●●○○
Ember.js	●●●●●●●○○○
XCode	●●●●●●○○○○
Git	●●●●●●○○○○
Unix	●●●●●●○○○○
AngularJS	●●●●●○○○○○
Unity	●●○○○○○○○○

LANGUAGES

Python	●●●●●●●●●○
Java	●●●●●●●●●○
Javascript	●●●●●●●○○○
C	●●●●●●○○○○
HTML&CSS	●●●●●●○○○○
Objective-C	●●●●●●○○○○
Ruby on Rails	●●●●●●○○○○
SQL	●●●●●○○○○○
R	●●●●○○○○○○

PROJECTS

PHOTORGANIZE

Python

A command line program that organizes and modifies batches of photos based on different properties recorded in EXIF data: image type, ISO, aperture, etc, automating separating and sorting images into different directories.

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, Ruby

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.

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.

HOBBIES AND ACTIVITIES

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