




MICHAEL WAN

SOFTWARE ENGINEER

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

B.A. in Computer Science (GPA: 3.321) Spring 2017

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



EXPERIENCE

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

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



SKILLS

| | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|
| Unix | ● | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ |
| XCode | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| Git | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| Photoshop | ● | ● | ● | ● | ● | ● | ○ | ○ | ○ | ○ |



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, JavaScript, 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.

SCHEDULER

Python

A current project, a web app that shows a host the optimal time for a group meeting when given schedules that are input by other users.

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.



HOBBIES AND ACTIVITIES



Photography



Piano



Tennis



Drawing



Travelling



Gaming