Aaron Kaloti

5082 Bickford Circle, Fairfield, CA 94533

aarons.7007@gmail.com   https://aaronistheman.github.io   Cell: (707) 803-0770

EDUCATION:

University of California, Davis

Master of Science, **Computer Science**   MS Start Date: **September 2018**

Bachelor of Science, **Computer Science**   BS End Date: **June 2018**

GPA: **3.795** / 4.000

SKILLS:

Much Experience: C++, JavaScript (jQuery), Java, Python, HTML, Git, OOP, Unit/Functional/Regression Testing

Some Experience: C, R, MEAN, Django, Bootstrap, CSS, SQL, PHP, Android, Linux (scripting)

EXPERIENCE:

Software Engineering, Tools and Infrastructure Intern, Google, Full-Time, June – September 2017

- Used C++ and database, cluster management, protocol buffer, client/server, and publisher/subscriber tools/APIs.
- Worked on regression (A/B) test infrastructure to test the effect of changes to a framework that converts changes in advertisement databases into input for a policy review decisions system.

Undergraduate Research Assistant, October 2017 – Present

- Working on an R debugger that wraps around R's internal debugging functions. Currently translating the 500-line code base from Python to R.
- Implemented an R wrapper package allowing use of C "curses" library through R.

Teacher's Assistant, October – December 2017

- For undergraduate introductory programming class in Python.

SOLO PROJECTS (Open-Source):

Simplified Economic Model, June 2016 – September 2016

- Used JavaScript, QUnit (for unit and integration test-driven development), and a bit of AngularJS.
- User gives inputs (e.g. excise tax, tariff) and sees affected supply/demand graphs, by MVC pattern.

2D Spacecraft Android Game, December 2015 – April 2016

- Used Java and Android Studio. Implemented both game logic thread and multi-touch input thread.

GROUP PROJECTS:

Warcraft Website (Class Project), January – March 2017

- Used Django, JavaScript, HTML/CSS, and Git for a full-stack web development project on a team of **8**.

LEADERSHIP/COMMUNICATION:

Co-Vice President, Computer Science Tutoring Club, October 2017 – Present

Review Session Host, October 2016 – Present

- So far, hosted **22** review sessions (7 as co-host) for undergraduate computer science courses.