Michael Owens

Software Engineer – 510.368.9060 – anpganpg@gmail.com
github – linkedin

Skills

- Web: Javascript, Express, jQuery, CSS, HTML, Bootstrap, Node, Backbone, postgresSQL, Heroku, Testing
- Mobile: Swift, iOS, Objective-C
- Java, C, C++, R

Experience

Feb 2015 – Current -Tradecraft - San Francisco - *16 intense weeks developing software engineering skills in a cross functional environment to succeed in high-growth startups*

> March 2015 – **Traction.is** - *Github meets wikipedia for the 4 track tech bootcamp, Tradecraft (Engineering, Product Design, Sales & BD, and Growth)*
> - Stored website content, users, and permissions using postgreSQL
> - Defined endpoints and database query calls using node.js to supply backbone models with data
> - Setup MVP architecture and handlebars as a template engine using backbone to easily call data from JSON object
>
> May 2015 – **Mentos** - *Booking speakers and creating google events made easy*
> - Implemented oauth 2.0 in Express to access google calendar api to create events filled in with dynamic data on behalf of the user
> - Used node.js and google spreadsheets api to manage user inputted data; to read from a google spreadsheet and display its data on a styled web page and to take user's input from a google form to write to a spreadsheet.
>
> May 2015 – **Pitch-Perfect** - An iOS app that uses iOS 8 AVFoundation to record a message and play the audio back through user-selected filters.

Feb 2014 - Oct 2014 – **UC Davis Medical Center Wan Lab** - used R to generate heat maps and perform correlation studies on the ratio of gut microbiota to gene expression
May 2012 - Sept 2012 – **Peking Union Medical College Zhang Lab**
> - used R to perform genetic analysis on human samples at China's #1 medical school

Jan-May 2009 – **Berkeley Starcraft website**
> - First website reached ~300k page views and was referenced on **Wired** and **Kotaku**

Education

Feb 2015 – Present – **Software Engineering and Web Application Programming at Tradecraft**

Sep 2009 - Dec 2014 – **University of California, Davis**
- Programming and Problem Solving - Wrote projects in C
- Software Development and Object-Oriented Programming - Wrote projects in C++
- Computer Organization and Programming - Wrote projects in assembly
- Computer Structure and Assembly Language - Wrote projects in MIPS
- Data Structures and Programming - Wrote data structures in C++
- Theory of Computation
- Introduction to Artificial Intelligence - Wrote AI in Java

Interests

Judo – competed for 4 years at state and national levels