Joseph Brian Chambers

806 Hayes St. Apt. 1
San Francisco CA. 94117
josephbrianchambers@gmail.com
(619) 708 - 7677

NICE TO MEET YOU

Github   LinkedIn   josephbrianchambers.com

LANGUAGES AND TECHNOLOGIES

Ruby; Ruby on Rails; JavaScript; jQuery; Backbone.js; SQL; LabVIEW; Git; HTML; IGOR Pro; CSS; Web Development; Paired Programming; TDD

RECENT PROJECTS

- jj's List - A more intimate Craigslist; utilizing Backbone, Rails and API's
- Snake! - Classic game of Snake, written with HTML tags and JavaScript
- Ruby on Rails lite - HTTP request/response handling, session implementation

EMPLOYMENT

| *Feb 2012 - Sept 2013* | *Field Specialist* | *Ground Metrics* |

- Planned, coordinated, and executed electromagnetic (EM) field surveys in harsh environments for a fast paced geophysical startup company
- Performed data acquisition in the field with custom built data acquisition device (DAQ) and LabVIEW user interface (UI)
- Processed sensor data and prepared internal reports, plots, and layouts with MATLAB

| *Feb 2007 – Sept 2013* | *Staff Scientist* | *QUASAR Federal Systems, QUASAR Geophysical* |

- Developed a variety of EM sensor system packages to meet government defense contract specifications
- Wrote and modified LabVIEW programs to talk to DAQ hardware and provide UI
- Wrote scripts in Igor Pro and MATLAB to inhale, analyze, manage, and visualize sensor data
- Worked on multiple projects in parallel, running experiments and testing various EM sensor systems

| *Jan 2006 – Jan 2007* | *Sailing Instructor* | *Mission Bay Aquatic Center* |

- Class instructor for all age groups kids to adults for multiple small sailing crafts

INTERESTS

- Avid surfer, mediocre skier, shoestring traveler