

Joseph Brian Chambers

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NICE TO MEET YOU

[Github](#)

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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

<i><u>Feb 2012 - Sept 2013</u></i>	<i><u>Field Specialist</u></i>	<i><u>Ground Metrics</u></i>
<ul style="list-style-type: none">• 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		
<i><u>Feb 2007 – Sept 2013</u></i>	<i><u>Staff Scientist</u></i>	<i><u>QUASAR Federal Systems,</u> <i><u>QUASAR Geophysical</u></i></i>
<ul style="list-style-type: none">• 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		
<i><u>Jan 2006 – Jan 2007</u></i>	<i><u>Sailing Instructor</u></i>	<i><u>Mission Bay Aquatic Center</u></i>
<ul style="list-style-type: none">• Class instructor for all age groups kids to adults for multiple small sailing crafts		

INTERESTS

- Avid surfer, mediocre skier, shoestring traveler interests