richard mccluskey

full stack web developer

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» about me

I love programming because it combines two of my passions: problem solving and creativity. I want to create beautiful things and inspire others to do the same.

» skills

PROGRAMMING
Ruby
JavaScript
HTML
CSS
SQL(PostgrSQL and SQLite)
MongoDB
Ruby on Rails
Sinatra
ActiveRecord
Node.js
Express.js
AngularJS
D3.js
jQuery
AJAX
Git and GitHub
Heroku Deployment
Test Driven Development
Agile Development
OAuth
APIs

» education

Dev Bootcamp
Web Developer Apprentice 2015

California Polytechnic State University
Bachelor of Science Civil Engineering 2011

» experience

Dev Bootcamp · Web Developer Apprentice   Sep 2014 to Feb 2015
San Francisco, CA
- 19 week intensive that focuses on Ruby, JavaScript, Ruby on Rails, common JavaScript libraries, SQL, HTML, CSS, pair programming, agile, and test driven development.
- Accumulated over 1000 hours of practical development experience
- Cultivated interpersonal and team-building skills

Civil Design Studio · Project Engineer   Apr 2013 to May 2014
Atascadero, CA
- Used engineering principles to draft and design construction plans and documents
- Communicated with various clients from homeowners to contractors to city engineers

MBS Land Surveys · Surveying Tech   Oct 2011 to Dec 2013
San Luis Obispo, CA
- Used advanced surveying equipment including robotic total stations and GPS systems
- Collected and analyzed survey data to create various maps with AutoCAD
- Completed many projects independently with minimal supervision

» projects

Smooth Transaction (smooth-transaction.herokuapp.com)
- Worked on a four person team to develop a full-stack JavaScript web application from ground up that gives a quick and easy way to get donations via your non-profit website.
- Contributed to all aspects of the project but mainly focused on back-end development (database, server, user authentication, and deployment to Heroku).
- Technologies: Node.js, Express.js, MongoDB, Mongoose, D3.js, Stripe API and Oauth
- GitHub repo: github.com/shinshinwu/smooth-transaction

GIFScript (gifscript.herokuapp.com)
- Developed a chat application that has users send a GIF along with their chat message.
- Pushed myself to learn full-stack JavaScript development even though it had not been taught at Dev Bootcamp
- Technologies: Node.js, Express.js, Socket.io, Giphy API
- Github repo: github.com/rjmccluskey/gifscript

» volunteering

Dev Bootcamp · New Student Mentor   Dec 2014 to Feb 2015
Mentored new students entering Dev Bootcamp

» leadership and involvement

Cal Poly Penguins Motorcycle Club · Officer

Cal Poly Jazz Band · Bassist

National Society of Collegiate Scholors