

Grant Sherrick

Phone: (713) 503-2198
Email: agsherrick@gmail.com

Software Engineer

625 Pearl St, Apt. 12
Boulder, CO 80302

Rates & Agents, Co-Founder

9/2016 – present

- ~ Researched, designed and developed a web application in Node.js and Handlebars with a two-sided market.

Rafflecopter, Full Stack Engineer

9/2014 – 9/2016

- ~ Simplified, expanded, and consolidated customer tracking and analytics, which resulted in the removal of over 1000 lines of Javascript and Python code.
- ~ Integrated the Facebook, Twitter, and Zapier APIs into a Clojure-based web application using OAuth 1 & 2.
- ~ Setup a workflow, investigated long-term use and viability, and integrated a platform for deploying container-based microservice applications.
- ~ Maintained and upgraded a Wordpress-based blog using jQuery, Sass/CSS, and PHP.
- ~ Created a chat-bot in Coffeescript that deployed and monitored applications via single line semantic phrases.
- ~ Cleaned and enhanced customer analytics data by removing duplicates and merging/transforming data from multiple external analytics sources and internal databases.
- ~ Designed a Git/Github-based website generator in Node.js that allowed business users to create landing pages with little to no training that could be merged into the live application using minimal developer time.

Orica Mining Services, Robotics Software Engineer

8/2012 – 8/2014

- ~ Led software design and development of a mobile robotic system in C++ and Python.
- ~ Developed control algorithms, mapping capabilities, object avoidance, and personnel following using machine learning and a fusion of range finding sensors (cameras, LIDAR, and RADAR).

UMass – Amherst, Robotics Research Assistant

5/2009 – 5/2012

- ~ Developed real-time control algorithms and path planners for robotic arms and wheel-based platforms.
 - ~ Developed a probabilistic system so that a robot learned to correct its grasp on tools depending on the spatial relationships between each tool and the robot.
-

M.S. in Computer Science

GPA: 3.739, 2012, University of Massachusetts, Amherst, MA

B.S. in Computer Engineering

GPA: 3.615, 2008, Texas A&M University, College Station, TX

B.S. in Applied Mathematics

GPA: 3.118, 2008, Texas A&M University, College Station, TX

Languages and Technologies:

Javascript: Node, Express, Handlebars, jQuery, React
DevOps: Docker, CoreOS, Deis, bash scripting, Nginx
Python: django, numpy, requests
Clojure: compojure, core.async, reagent

Project Management:

Standups, Pivotal Tracker, Scrum