

CAREY WILLETTE

FULL STACK DEVELOPER

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SUMMARY

Financial analyst turned web developer turned dad. I am hungry to create technology, share knowledge, and grow my development career at a great company.

KEY SKILLS

FRONTEND

Javascript
HTML
CSS/Bootstrap
jQuery
Ruby
D3

BACKEND

MongoDB
PostgreSQL
Knex
Ruby on Rails
Firebase
SQL

FRAMEWORKS

Angular
React/React-Native
Meteor

USEFUL

CLI
Node.js
Mocha
Redux
Github
Socket.io

PROJECTS

YEA-OR-NAY, [YEAORNAY.COM](https://yeaornay.com), *Node / AngularJS / Javascript / PostgreSQL / Bootstrap / Heroku*

A mobile friendly voting app, quickly get consensus of a group. Constructed RESTFUL API endpoints to make HTTP requests. Modularized PostgreSQL to be reusable allowing API to make database requests.

ROLL'EM, [ROLLEM.COM](https://rollem.com), *HTML / Jade / Javascript / jQuery / Higher Order Functions / SVG*

A browser based app and replica of the classic dice game Yahtzee. Running on node, and deployed to Heroku, this simple application features array mutation using higher order functions, a clean interface with smooth transitions, and makes use of templates.

NODEDRONE, [NODEDRONE.GITHUB](https://nodedrone.github.io), *NPM / Socket.io / Javascript / Bluetooth / Hardware / Algorithms*

Nodedrone enables a user to fly a drone with a Playstation3 control. It uses node to connect to the drone and sends data streams from the drone back to the server. This data is piped into custom algorithms that control and auto-trim the pitch, roll, and yaw of the drone.

EXPERIENCE

FINANCIAL ANALYST, ALPHA THEORY ADVISOR (2015)

Generated risk optimization reports for clients. Automated reporting process with VBA scripts, utilized AJAX to collect data. Used SQL to aggregate data. Learned SAS (Statistical Analysis Software) to forecast portfolio performance.

BUSINESS ANALYST, PACIFIC GAS & ELECTRIC COMPANY (2014 - 2015)

Built asset management system to quantify asset health and risk. Responsible for leading user-requirement sessions, writing technical requirements, design, and prototyping. Utilized SQL to integrate legacy data. Participated in weekly sprints.

SENIOR CONSULTANT, CELERITY CONSULTING GROUP (2011 - 2014)

Aggregated data for litigation cases using proprietary software. Taught myself visual basic for applications (VBA). Developed asset tracking system. Managed discovery process for multiple projects.

EDUCATION

GALVANIZE FULLSTACK IMMERSIVE PROGRAM Boulder, CO

2015 - 2016

UNIVERSITY OF COLORADO Boulder, CO *Bachelor of Arts in Psychology*

2007 - 2011