

SKILLS

LANGUAGES: Javascript, Ruby, HTML5/Canvas/SVG, CSS3

FRAMEWORKS/LIBRARIES: Ruby on Rails, AngularJS, jQuery, AJAX, D3.js, Highcharts

DATABASES: SQLite, PostgreSQL

OPERATING SYSTEMS: Mac OSX, Linux (Ubuntu), Windows

TOOLS/METHODOLOGIES: Git, Github, Heroku, Agile Development, TDD (RSpec/Jasmine), Pair-Programming

EXPOSURE: React.js, MeteorJS, Express.js, Cordova, Amazon Web Services (AWS), MongoDB

PROJECTS

Chariteer - <http://gaivien.com/project/chariteer/>

Chariteer is an app that connects volunteers with charities to build better communities.

Technologies: Rails API backend, AngularJS frontend, HTML5/CSS3, Responsive Grid, Bootstrap.

Contributions: Developed the functionalities of the Rails API and back end to front end integration.

Financial Chart with D3.js - <http://gaivien.com/project/financial-chart/>

Financial Chart is an extension of Finance-Exchange that leverages the power of D3.js to create financial charts. The chart can help technical analysts estimate the future price of a stock.

Technologies: Rails API, jQuery, jQuery-UI, AJAX, D3.js, Yahoo Finance API, HTML, CSS.

Contributions: Created all aspects of the design (this was a solo project).

Finance-Exchange - <http://gaivien.com/project/finance-exchange/>

Finance-exchange makes it easy to connect and share investing information with traders/investors. It allows an investor or trader to search and learn more about any US publicly traded company.

Technologies: Sinatra/Ruby, HighCharts, Yahoo Finance API, Javascript, jQuery, AJAX, HTML/CSS.

Contributions: Developed all aspects of the design (this was a solo project).

EDUCATION

Dev Bootcamp

Software Engineering Apprentice

San Francisco, CA - April 2015 to September 2015

University of California, Davis

BS Mechanical and Aeronautical Engineering, Mathematics Minor

University of California at Davis, Davis CA - September 2010

EXPERIENCE

Dev Bootcamp, *Software Engineering Apprentice*, San Francisco, CA

Apr 2015 - Sep 2015

- Completed 19-week (over 1,000 hours) immersive Software Engineering program.
- Engaged in solo, pairing, and group projects and challenges daily and weekly basis.
- Built web applications using Ruby on Rails, Sinatra, JavaScript, jQuery, AJAX, D3.js, AngularJS, HTML5/CSS3, Bootstrap, Less/Sass, REST API, PostgreSQL, SQLite.
- Learned and implemented OOP/OOD design patterns and MVC architectural pattern.

Stellartech Research Corporation, *Engineering Services Specialist*, Milpitas, CA

Oct 2014 - May 2015

- Managed and upgraded documentations for three product lines to comply with European environmental standard (Restriction of Hazardous Substances Directive or RoHS Directive).

Clarity Medical Systems, *Manufacturing Engineer/Mechanical Drafter*, Pleasanton, CA

Jun 2012 - Sep 2014

- Reviewed and updated documentations to meet regulatory agency standards such as Food and Drug Administration (FDA).
- Resolved manufacturing issues, such as assembly mating issue and malfunction of electro-mechanical parts, and updated applicable procedures to reflect changes.
- Trained assemblers and technicians (8+) per the updated documentations.

AWARDS

Sponsor Prize Winner - Integrate Hackathon 2015

Sep 2015