Gai Vien

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EXPERIENCE

Beepi, *Software Engineer Intern (Front-End)*, Los Altos, CA   Jan 2016 - Apr 2016
- Built e-commerce web applications using Angular.js, jQuery, CSS3/Sass, HTML5, C# (ASP.NET), AWS (S3/EC2).
- Created reusable components and templates for use throughout Beepi web infrastructures.
- Integrated external and internal APIs throughout Beepi web applications.
- Collaborated closely with designers and project managers to quickly ship new front-end experiments.
- Engaged in sprint meeting to discuss the scope of projects.
- Participated in code reviews and suggested feedback on best practices.
- Built web pages with SEO optimization in mind.
- Worked with Data Science team to integrate business analytics to track user engagement with Mixpanel and Google Analytics.
- Set up and maintained Wordpress server (PHP server) with AWS EC2 (Beepi new responsive blog page).

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, SQLite3.
- 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 design 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.

PROJECTS

PaperTrading - http://gaivien.com/project/papertrading/

PaperTrading is a virtual trading platform that allows novice traders/investors practice trading stocks using real-time financial data. The benefits of the app are to allow anyone without a financial background to learn about finance and to boost confidence in investing.
- Designed one-to-many and many-to-many database schemas that mapped users, relationships, stocks, posts, trades, watchlists, and portfolios.
- Integrated several APIs (TradeKing, SendGrid, New York Times) and Amazon Web Services S3 (AWS S3) into application.
- Created user stories and and designed wireframes to layout web application.
- Wrote tests for features implemented in the app including models, controllers, mailers, and integration (features).
- Architected all features in the backend (APIs integration, testing, database/model, etc.) and front end (user stories, layout, design, etc.) of the application.

SKILLS

LANGUAGES: Javascript, Ruby, C#, CSS3/Sass, HTML5
FRAMEWORKS/LIBRARIES: Ruby on Rails, AngularJS, jQuery, AJAX, Handlebars.js, Highcharts, D3.js, ASP.NET
DATABASES: PostgreSQL, SQLite3, SQL
TOOLS/METHODOLOGIES: Git, Github, Agile Development, Heroku, TDD (Rspec/Jasmine), Pair-Programming
OPERATING SYSTEMS: Mac OSX, Windows, Linux (Ubuntu)
EXPOSURE: React.js, MeteorJS, Express.js, Amazon Web Services (AWS), Cordova, MongoDB, MySQL

EDUCATION

Dev Bootcamp
Software Engineering and Web Development
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