

Arturo Perez

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GitHub: github.com/vrturo

Portfolio: [Vrturo.io](https://vrturo.io)

LANGUAGES AND TECHNOLOGIES

Proficient: Ruby, Rails, Sinatra, JavaScript, ReactJS, Backbone.js, jQuery, AJAX, Node.js, Express, Jade, Git, SQL, MySQL, PostgreSQL, ActiveRecord, HTML5, CSS3, Sass, Bootstrap, Linux, Unix, TDD (RSpec, Jasmine, Capybara)

Exposure: AngularJS, ES6, D3.js, Socket.IO, FireBase, MongoDB, NoSQL, LESS

EMPLOYMENT HISTORY

Software Engineer | [The Hufts](#), San Francisco, CA

2015 - 2016

Stock training platform for market enthusiasts that allows you to upload and backtest your own trading algorithms.

- Designed the navigation bar, custom forms, and UI/UX of entire app using Bootstrap and custom CSS/JS.
- Applied the HighCharts API, a Dashboard/Admin type view is given, displaying given data onto the charts.
- Leveraged CodeMirror API to display a text editor for users to create algorithms to manipulate stock data.
- Migrated to EJS to embed JavaScript logic in the views to determine what to display based on specific criteria.

Software Engineer, Mentor | Dev BootCamp, San Francisco, CA

2015 - Current

- Pair programmed with 100+ students on technologies such as Ruby, Rails, Sinatra, RSpec, JavaScript, SQL, and ActiveRecord, teaching Ruby best practices and OOP design principles.
- Lectured on data structures (linked lists, stacks, queues) and algorithm design principles to >50 engineers.
- Provided in-depth code reviews of Ruby and JavaScript features following agile development methodologies.

Sales and Marketing Affiliate | Vemma, Riverside, CA

2013 - 2015

- Developed successful sales and marketing strategies, exceeding the revenue forecast by ~300% every quarter.
 - Mentored 450+ new sales affiliates to develop their skills in order to increase confidence and productivity.
 - Hosted and gave talks to over 200+ people at company networking events and training programs.
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RECENT PROJECTS

Software Engineer | Notester | [live](#) | [code](#)

2016

Advanced note-taking tool for users to easily crowd-source information on specific topics, organized in a hierarchy.

- Followed single-page design pattern using Sass to allow for an intuitive, streamlined, and simplified UI/UX.
- Organized front-end logic using Backbone.js to handle the creation and saving of notes in the local storage.
- Constructed highly integrated DB using ActiveRecord and PostgreSQL to establish polymorphic associations and self-referential tables to store users, notes, resources and tags.
- Visualized an interactive library of notes and associated subcategories as a graph data structure using D3.

Software Engineer | B.A.C.E. | [live](#) | [code](#)

2015

Estimation tool for late night party-goers to calculate their B.A.C based on weight, gender, time, and consumption.

- Engineered an algorithm using Ruby that return a user's Blood Alcohol Content with the weight, gender, oz's of alcohol consumed, and time since first drink that the user provides.
- Followed TDD (RSpec, Capybara) for unit and functional tests to validate DB changes and HTTP responses.

Software Engineer | The Game | [code](#)

2015

Online 2D multiplayer side-scrolling combat game where players compete against each other in an arena.

- Incorporated Socket.IO into client-side architecture with Node.js and Express allowing real time game play.
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EDUCATION

Computer Science, Riverside College

2011 - 2013