Laura Cressman

Portfolio: www.lauracressman.com • Github: flaurida • LinkedIn: www.linkedin.com/in/laura-cressman

Projects

OpenStable | *JavaScript, React, Redux, PostgreSQL, Rails*   **Live | Github**
Restaurant reservation web application with an OpenTable inspired UX
- Developed table booking algorithm using ActiveRecord and Ruby that presents users with a range of options based on a restaurant's chosen booking strategy
- Built ActiveRecord methods with eager loading to minimize database queries
- Designed a fully-responsive, user-friendly front end experience with CSS flexbox and media queries

Pokémania | *JavaScript, Node.js, Socket.IO*   **Live | Github**
Multiplayer cellular survival game with a Pokémon theme
- Created a JavaScript server using Node.js and Socket.IO to process game logic and send real time updates to clients, allowing for a multiplayer experience
- Developed system to cache and retrieve static assets, minimizing HTTP requests
- Implemented a seamless user interface using vanilla JavaScript methods to manipulate the DOM based on server-emitted events

Laurails | *Ruby, SQL*   **Github**
Lightweight Model View Controller / Object Relational Management framework inspired by Ruby on Rails
- Utilized dynamic programming to implement user-defined associations between models
- Leveraged Rack to allow users to define custom routes and store session and flash cookies

Skills

Ruby, Ruby on Rails, JavaScript, React.js, Redux, Java, SQL, Git, HTML, CSS, Sass, Python, jQuery

Education

App Academy, New York, NY   December 2016-March 2017
- 1000-hour software engineering course with <5% acceptance rate

Dartmouth College, Hanover, NH   September 2010-September 2014
- BA in Chemistry, BA in Economics
- GPA: 3.99/4.00, Salutatorian, Summa Cum Laude, Phi Beta Kappa
- GRE: Quantitative Reasoning 170, Verbal Reasoning 170, Analytical Writing 5.5
- Highlights: Introduction to Programming and Computation, Statistics, Econometrics, Calculus
- Participated in an exchange program at the University of Oxford, completing two economics courses

Work Experience

Bridgewater Associates, Westport, CT   September 2014-September 2016
Investment Associate
- Performed analyses on world markets and economies in Excel and Palantir that were incorporated into client communications, internal communication with CIOs, and market trading systems
- Selected to manage the onboarding of hires and interns, as well as oversee four direct reports

Cover the Globe, New York, NY   December 2011-Present
CEO
- Co-founded 501c3 nonprofit to help HIV+ migrants in Botswana receive treatment
- Raised over $60,000 to date, enough to support roughly 250 children and parents living with HIV