Laura Cressman

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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 algorithm that enables restaurants to utilize custom booking strategies and presents users with a range of reservation time options
- 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
- Devised sleek, single page user interface using vanilla JavaScript and HTML Canvas

Laurails | *Ruby, SQL* **Github**
Lightweight Model View Controller / Object Relational Management framework inspired by Ruby on Rails
- Developed framework that enables users to create customized full-stack web applications equipped with a SQLite database and associated routes, controller actions, and views

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

University of Oxford Keble College, Oxford, England September 2012-December 2012
- Participated in an exchange program at 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 December 2011-Present
- 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
- Volunteered with clinic in Gaborone, Botswana for six weeks in fall 2017