

Laura Cressman

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Projects

OpenStable | *JavaScript, React, Redux, PostgreSQL, Rails*

[Live](#) | [Github](#)

Restaurant reservation web application with an OpenTable inspired UX

- Developed reservation time algorithm to determine restaurant table availability and providing restaurants various booking strategies
- Utilized React to minimize AJAX requests and ActiveRecord and jBuilder to prefetch data
- Built a user-friendly front-end experience that is fully responsive using CSS

Pokémania | *JavaScript, Node.js, Socket.IO*

[Live](#) | [Github](#)

Multiplayer cellular survival game with a Pokémon theme

- Utilized Node.js and Socket.IO to create a JavaScript server to keep track of game logic and send real time updates to clients, allowing for a full multiplayer experience
- Implemented system to remove inactive players and add computer players to keep game populated
- Incorporated HTML Canvas to translate game state data into a sleek user interface

Laurails | *Ruby, SQL*

[Github](#)

Lightweight Model View Controller / Object Relational Management framework inspired by Ruby on Rails

- Implemented framework in Ruby that allows for creation of a basic CRUD web application

Skills

Ruby, Ruby on Rails, Java, JavaScript, React.js, Flux, SQL, Git, HTML, CSS, 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
- 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

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
- Co-author on 25 Bridgewater Daily Observations, Bridgewater's flagship research publication
- Selected to manage the onboarding of all new IA hires and interns as well as manage four interns
- Owner of our understanding of Canada and communicating that understanding to CIOs

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
- Spent six weeks volunteering with clinic in Gaborone, Botswana in fall 2017

Portfolio: www.lauracressman.com • Github: [flaurida](#) • LinkedIn: www.linkedin.com/in/laura-cressman