

Jessica Conway

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EDUCATION

University of Richmond, Richmond, VA May 2019
Bachelor of Science, Mathematical Economics

- **Cumulative GPA:** 3.69
- **Honors:** Magna Cum Laude, Omicron Delta Kappa, Omicron Delta Epsilon, Pi Mu Epsilon, Phi Eta Sigma, Dean's List
- **Relevant Courses:** CSCE 221: Data Structures, Math 320: Real Analysis, Math: 245: Linear Algebra

App Academy, New York, NY Fall 2019
Rigorous 1000-hour software development course

EXPERIENCE

Cedrus Digital, New York, NY November 2019 - Present
Software Engineer

- Utilize Angular, NodeJS, and Oracle to build new features for and enhance efficiency of large client application based on client's needs.
- Generate standardized migration process to upgrade old AngularJS code to Angular in order to bring code base up to date with new technologies while maintaining efficiency and functionality of the application.
- Present new features to the client and maintain open communication with the client and team to develop an application which increases the efficiency of their business and its employees.

UR ETF Fund, University of Richmond August 2018 - May 2019
Student Manager

- Conducted top down, global economic analysis in order to construct a portfolio with returns above the benchmark.
- Constructed risk models to analyze performance and diversification, leading to improved performance for future funds.

Drumlin Field Venture, LLC, Boston, MA May 2018 - July 2018
Intern

- Completed a comprehensive analysis of the craft distillery market in the Hudson Valley.
- Prepared a detailed report on social media, visitor experience, and vendor opportunity to improve quality of customer experience and online presence.

PROJECTS

BeachBnb (Rails, React) Live Link
A Single Page Rental booking site inspired by Airbnb

- Managed listing and reservation CRUD through custom transactional database operations using Active Record and PostgreSQL, allowing users to make reservations, register listings with photos, and write reviews.
- Implemented back and front end user authentication by combining Rails conventions, Active Record, and customized React-Router higher order components for best user experience.
- Built custom search using Rails and Redux, allowing users to filter listings by data from multiple tables.
- Connected the back end to AWS S3 for photo storage and organization, maintaining content security with AWS IAM, increasing scalability.

City Comparator (JavaScript, D3) Live Link
Data visualization of quality of life data from the Teleport API

- Created a dynamic visualization of API data using only pure JavaScript and D3 to manipulate the DOM.
- Developed a data filtering system which reduces AJAX requests to the API, increasing efficiency and reducing filtering speed.
- Leveraged Webpack and Babel to ensure a reliable and uniform user experience.

TECHNICAL SKILLS

Ruby, Rails, Java, React, Redux, NodeJS, Angular, JavaScript, HTML, CSS, SQL, AWS, R, Oracle, MATLAB, Latex