Richard Dowdy

Full Stack Web Engineer (Burlingame, CA)

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Skills

Programming Languages: JavaScript, Python, HTML, Haml, Jinja, CSS
Frameworks/Libraries: React, Redux, Express, Flask, Rails, PostgreSQL, Jest, Bootstrap

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Experience

Software Engineer at JumpOffCampus, Inc (San Francisco, CA)
- Created and implemented modular, reusable React components that other team members were able to incorporate elsewhere in the project.
- Converted existing React class components to be function components which allow for the use of React hooks.
- Developed customized client facing web views using React and Bootstrap.
- Built models and controllers in Rails to create new features that enhanced user experience.
- Updated Rails controller actions as the code base was being overhauled from Rails 2 to Rails 5.

College Athlete at Barton College (Wilson, NC)
- Member of the Men's Basketball team.
- Developed strong work ethic and discipline.
- Honed strong leadership skills within a team environment.

Projects

Covid-Tracker - React application to track and visualize COVID-19 cases in the US.
- React with Redux for state management.
- Color coded heat map of the US to represent data gathered from external API.
- Uses d3.js library to visualize the progression of COVID-19 cases for each state over time.

Warbler - Fullstack Twitter clone.
- Flask backend combined with Jinja templates for frontend views.
- Flask routes follow RESTful architecture.
- Full CRUD routing allows users to manage their own accounts and messages.
- PostgreSQL Database.

Microblog - Fullstack Anonymous Blogging Application.
- React frontend with Express backend.
- Redux/Redux-Thunk for state management.
- PostgreSQL Database.

Jobly - Job seeking application allows users to find and apply for jobs posted by employers.
- React frontend with Express backend.
- Express routes allow users to find and apply for jobs posted by employers.
- PostgreSQL Database.

Education

Rithm School (San Francisco, CA)

Full Stack Web Engineer

Barton College (Wilson, NC)

BS in Fitness Management | Minor in Spanish