Beth Wilson

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Full stack web developer with a passion for social justice and entrepreneurship. With experience in Ruby on Rails, JavaScript, React and Redux, and a background in secondary STEM education and non-profit work, I discovered web development through Flatiron School's Web Development Immersive class. I bring strong skills in team-building and project management that help socially responsible companies invent and improve the technologies they create.

TECHNICAL PROJECTS

Rsources - Github-Frontend | Github-Backend | Demo
A curriculum resource-sharing app for STEM teachers
- Employed Redux and Thunk middleware to manage state asynchronously
- Fetched from NASA's API to display the NASA Photo of the Day for users
- Incorporated JSON Web Tokens and localStorage to store encrypted user information client-side
- Created a professional user interface using React and Redux with Semantic-React and custom CSS for styling

Community - Github-Frontend | Github-Backend | Demo
An event planning app for groups
- Developed a Rails API backend with endpoints for events, members and member events, customizing the data with Active Model Serializer.
- Utilized React Router to create custom routes for client-side routing
- Implemented Date-Picker and Moment node packages for React to format date and time data for events
- Designed a user interface using React with Semantic-React

Build-A-Bod - Github-Frontend | Github-Backend | Demo
A workout-tracker app for individuals (Group Project)
- Researched drag-and-drop event listeners; successfully incorporated the feature when adding an exercise to a workout
- Created a Rails API backend with endpoints for exercises, workouts and workout-exercises.
- Arranged a user interface using custom CSS for styling

TECHNICAL SKILLS

HTML, CSS, Ruby, Rails, SQL, JavaScript, React, and Redux

EMPLOYMENT HISTORY

Barking Mad Café, Gaithersburg, MD   *June 2018 - September 2018*
Barista
- Opened the café alone 2-3 times/week, ensuring quality of coffee, pastries and café appearance throughout the shift
- Calibrated the espresso machine, fulfilled customer orders in person and over the phone
- Accurately rung in sales orders, comparing end-of-shift register amounts with cash system's revenue reports

Covenant Life School, Gaithersburg, MD   *August 2014 - June 2018*
Chemistry, Math & PE Teacher
- Learned & utilized SMART Board technology to present original lectures for chemistry, AP Chemistry, and Algebra 1 & 2 for class sizes ranging from six to 30 students
- Used & taught analytical problem solving skills applying factoring, polynomial arithmetic, 2D cartesian graphing, trig, etc.
- Practiced leadership while helping middle & high school students cultivate a team mindset in PE and class activities
- Composed original formative & summative assessments; submitted grades on time

Center for Student Missions, New York, NY & **St. Paul's House Intern**, New York, NY   *February 2013 - August 2014*
City Host & Intern
- Managed weekly service groups for soup kitchens, after-school programs and other non-profits in New York City
- Inspired adults & young people to see those in need around them and learn practical ways to bring aid to their own communities

EDUCATION

Flatiron School   *January 2019*
- Full Stack Web Development, Ruby on Rails and JavaScript on-campus program

Liberty University Online - Lynchburg, VA   *September 2014*
- Bachelors of Science: Interdisciplinary Studies, focusing in Mathematics, Language Studies and Social Sciences