Rebecca Miller

Education

Tufts University – Medford, MA
B.S., Computer Science & B.A., Sociology; Anticipated Graduation 2022

- ❖ GPA 3.92; Dean's List: 2018-2020

Development Experience

HealthyVoyage   2020
Full-Stack Software Development Intern

- ❖ Created React front end for sickness-treatment algorithm-creator web app.
- ❖ Collaborated with founder/CEO to design wireframes and workflows and convert to MVP.

JumboCode   2019 - present
Front-End Web Developer

- ❖ Design and implement web app for non-profit Documentary Songwriters.
- ❖ Code React front end components to integrate with database.

Blue Boba Media   2017 - present
Web Designer (self-employed)

- ❖ Develop and maintain 11 websites for multiple small businesses.
- ❖ Integrate eye-catching, functional designs with clean and modular code.

Key Projects

BrixPix   2020
- ❖ Assemble React front end alongside photo-pixelation algorithm.
- ❖ Create MongoDB user database with login and shopping cart capabilities.

InShape   2019
- ❖ Implemented React front end with MySQL and Node.js back end, deployed on Heroku.
- ❖ Integrated 2 external APIs to produce web app to generate daily exercises and recipes based on activity level, weight goals, and dietary restrictions.

Leadership Experience

Academic Resource Center   2019 - present
Head Tutor

- ❖ Lead peer tutoring to engage students in deep conceptual understanding.
- ❖ Identify and address underdeveloped skills and reinforce strengths.

Center for Engineering Education and Outreach   2018 - 2019
Student Teacher Outreach & Mentorship Program Fellow

- ❖ Developed and taught semester-long K-5 STEM curricula.
- ❖ Improved student collaboration and critical thinking utilizing the EDP.

Personal Info

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LinkedIn
https://www.linkedin.com/in/rebecca-millerr

GitHub
https://github.com/rebecca-millerr

Programming Languages

- o React.js
- o JavaScript
- o HTML & CSS
- o C/C++

Skills

- o Git & GitHub
- o Responsive design
- o SEO
- o WordPress
- o French

Key Courses

- o Data Structures
- o Machine-Level Programming
- o Web Programming
- o Computation Theory
- o Game Design
- o Intro to Cybersecurity (Fall 2020)
- o Algorithms (Fall 2020)
- o Intro to Electrical Systems
- o Intro to Digital Electronics

Activities

- o Women in Computer Science
- o Association of Multiracial People at Tufts
- o Torn Ticket II, Musical Theatre