

Robert Melton

Resume Portfolio

OBJECTIVE

To join a technical staff that enables me to learn and grow from mentors, continue to add depth and breadth to my web development technology stack, and build well-designed, robust applications in an interesting domain

EDUCATION

The University of Alabama, Tuscaloosa, AL (graduated December 2023)
Bachelor of Science in Computer Science

- Major GPA: 3.3/4.0
- Dean's List (Fall 2019, Spring 2023, Fall 2023)

CodePath Technical Interview Prep, Online Course (May - August 2023)

- Received [certificate of completion](#)

MIT xPRO's Professional Certificate in Coding: Full Stack Development with MERN Program, Online Course (May 2024 - January 2025)

- Comprehensive 8-month, in-depth course covering MongoDB, Express.js, React.js, and Node.js
- Received [certificate of completion](#)

TECHNICAL SKILLS

Programming Languages: HTML/CSS, Javascript, MongoDB, Express.js, React.js, Node.js, Jest.js, C/C++/C#, Python, Swift, Java, Three.js, SwiftUI, SQL

Developer Tools: VS Code, Visual Studio, Git, GitHub, Slack, Postman, Vite, MUI, Chakra UI, Render, Vercel, Firebase

RELEVANT EXPERIENCE

Freelance Web Developer, Florence, AL (August - November 2024)

- Designed, built, and deployed **The Lady Barber**, a website for a local barbershop
- Built with HTML, CSS, Javascript; hosted on Vercel
- Worked closely with the business owner to incorporate the desired information, features, and design
- Fully responsive on mobile and desktop

The University of Alabama, Tuscaloosa, AL (August - December 2023)
Web Developer

- Worked on a 4-person team to build the **Thesis and Dissertation Document Generator**, a React app to generate correctly formatted theses/dissertations for the Graduate School
- Built with React, CSS, MUI, and Firebase

The University of Alabama, Tuscaloosa, AL (October - December 2023)
C++ Teaching Assistant

- Supervised laboratory sessions
- Provided hands-on guidance in programming and software development

PERSONAL PROJECTS

Built to gain more experience with the MERN stack, RESTful API's, MongoDB database communication, testing CRUD operations with Postman, and Chakra UI styling:

- Dragon's Brew Cafe**
- Implements a shopping cart metaphor, enabling users to add and remove cafe items from their cart, as well as “purchase” items
- Product Store**
- Implements very basic inventory management, enabling users to create, edit, or remove products from the store

REFERENCES

Available upon request