

# Robert Melton

## 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