

Paul Hemingway

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EDUCATION

University of Missouri | Columbia, MO

Expected Graduation: May 2023

B.S. – Information Technology, Minors – Computer Science, Business

GPA: 3.96

Certificates in Web and Mobile App Development, Media Technology and Design, and Information Systems and Technology

Coursework: Object Oriented Programming, Data Structures and Algorithms, Databases, Software Engineering, Cybersecurity, Web Application Development, iOS Application Development, Project Management, Network Technology, Media Technology, e-Marketing

Involvement and Awards: MU COE High Dean's List (All semesters), TigerHacks Planning Technical Subcommittee Lead, Upsilon Pi Epsilon, Mizzou Computing Association

SKILLS AND TECHNICAL TOOLS

Languages: *Proficient:* Java, SQL, JavaScript, HTML/CSS. *Familiar:* Python, MongoDB, Swift, C#

Technologies: Git, npm, Angular, Firebase, ReactJS, VueJS, SQL Server, Azure DevOps, Photoshop, AWS EC2 Instances

PROJECTS

LiftHub

*Web application written with **ReactJS**, **Material UI** and **Google Firebase**.*

- Developed a gym/lifting community app that provides a UI for creating and keeping track of workouts within individual accounts. Users can also view public-toggled workouts created by other users for program inspiration.
- Implements authentication and database services with Firebase Authentication, and stores workout and user data with Google Firestore.

Quiz-It

*Desktop application written with **Java**, **MySQL**, **JDBC**, **JavaFX**, and an **AWS EC2 Instance**.*

- Developed a UI for creating and taking multiple-choice quizzes for education and study purposes, following **object-oriented design** principles as well as querying and handling asynchronous data.
- Teacher accounts can create quizzes and view all scores on the quizzes they create, while student accounts can take any quiz and view their own scores.

snipCode

*Web application written with **Angular**, **Prism.js**, and **Java**.*

- Application that provides a community/platform for programmers, allowing users to share snippets of language-flexible syntax-highlighted code and view posts from other programmers.
- Utilized Model-View-Controller design pattern to implement a well-structured application.

EXPERIENCE

IT Intern | Commerce Bank

May 2022 – August 2022

- Developed an internal data visualizer web application that analyzes the statistics on workspace utilization by 530+ employees and reports relevant charts and tables to influence future decisions on better space utilization and reservations using **VueJS**, **ASP.NET**, and **SQL Server**.
- Learned and used agile methodologies as part of a scrum team composed of other interns. Communicated closely with product managers to ensure all user stories were valid and acceptance criteria were reached, using **Azure DevOps**. Acquired Scrum Master experience by creating and assigning user stories to other scrum members.

Web Accessibility Tester | MU ACT Center

May 2021 – May 2022

- Tested 15+ web applications used by Mizzou students, measuring their compliance with **WCAG 2.0 Level A & AA** guidelines, to ensure their usability for people with disabilities.
- Located and reported accessibility failures by using the WAVE Evaluation Tool, axe DevTools, and analyzing code.

User Support Analyst | The Mizzou Store-TigerTech

August 2021 – May 2022

- Used timely problem-solving skills to provide complete IT technical support services to 300+ students, faculty, and staff of the university, troubleshooting and diagnosing software and hardware-related issues.
- Utilized Cherwell Client ticketing system to create clearly communicated tickets on customer interactions.