

Michael Zitta

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Education

Michigan Technological University, Houghton MI
B.S Computer Science

April 2023

Work Experience

Application Developer | Henrico County

June 2023 - Current

- Developed responsive web applications using ASP.NET Core, Blazor, SQL, and Dapper
- Worked with stakeholders to analyze business application requirements to develop project timelines and application specifications
- Securely created, accessed, and stored hipaa data stored in SQL server
- Utilized virtualization to optimize load times and increase smoothness of applications

Front End Developer | Little Brothers Foundation

Jan 2022 - April 2022

- Worked with a team as part of HIDE enterprise to develop a web app using HTML, CSS, Vue.js, Laravel, Axios, and Microsoft SQL for the Little Brothers Foundation to schedule appointments for drivers to pick up clients
- Used Axios to format and send data from forms to Microsoft SQL database
- Implemented an appointments page that allows an Admin user to create and edit appointments for drivers
- Collaborated with team members and the client to make various design changes

Project Experience

Micro:bit Graphing Application | MTU

Jan 2023 - Current

- Team based web application project created with React.js that collects live data from multiple Micro:bits and plots data onto an updating graph
- Used a custom Javascript library to handle BlueTooth connections
- Created and managed team website
- Exported collected Micro:bit sensor data as CSV files

Husky Review Web Application | MTU

Jan 2022 - April 2022

- Collaborated with a team to create a web application using Vue.js, MongoDB, Express.JS, Node, HTML, CSS, and Axios
- Allows students to better choose classes based on professor and class ratings
- Responsible for front end, UI design and layout, as well as initial setup for the project
- Retrieved reviews from Mongo database using Axios and dynamically loaded and displayed each review on the home page with Vue.js
- Created a form to send reviews to the Mongo database with Captcha verification
- Implemented function to sort and filter reviews on home page

Skills

- **Languages:** C#, Javascript, Java, C, SQL, HTML, CSS
- **Technologies:** Blazor, React.js, Vue.js, ASP.NET, Dapper, Node.js, Bootstrap, Git, Linux, Adobe Suite