

# Michael Zitta

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## Education

Michigan Technological University, Houghton MI  
B.S Computer Science

April 2023

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## Work Experience

### **Full Stack Developer | Henrico County**

**June 2023 - Current**

- Developed responsive web applications using ASP.NET Core, Blazor, SQL, and Dapper
- Created first-in-state application that automated process of converting billing extracts
- Worked with stakeholders to analyze business application requirements to develop project timelines and application specifications
- Designed and implemented relational databases
- Securely created, accessed, and stored hipaa data in SQL databases
- Implemented user verification using Azure Active Directory Groups
- 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

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## Project Experience

### **Micro:bit Graphing Application | MTU**

**Jan 2023 - April 2023**

- 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
- 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

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## 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