

# Michael Zitta

[github.com/mezitta](https://github.com/mezitta) || [linkedin.com/in/michael-zitta](https://linkedin.com/in/michael-zitta) || [mezitta@mtu.edu](mailto:mezitta@mtu.edu) || C: (269)-338-3850

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## Education

Michigan Technological University, Houghton MI  
B.S Computer Science

April 2023

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## Project Experience

### Micro:bit Graphing Application | MTU

Jan 2023 - Current

- Created and managed team website
- Implemented project with React.js and a custom Javascript library
- Retrieved live data from multiple Micro:bits and plotted the data on an updating graph
- 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

### Little Brothers Web Application | HIDE

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

### Portfolio Website | <https://www.zitta.dev/>

Jan 2022 - August 2022

- Solo personal project creating a website to act as a portfolio
- Website was created using React.js, HTML, CSS, and React Bootstrap
- Used Netlify and GitHub for continuous integration and deployment

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## Skills

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

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## Clubs and Enterprises

- Humane Interface Design Enterprise (2022 - Current)
- Formula SAE (2019)
- Automotive Enthusiasts at Michigan Tech (2021 - Current)