

Josh Overbeek

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Education

Michigan Technological University

GPA: 4.0

3rd Year Computer Science Major, Mathematical Sciences Minor

Expected Graduation: May 2023

Work Experience

Lakeside Software, Ann Arbor – *Engineering Intern*

Jun 2020 -Aug 2020, May 2021-Aug 2021,

Jun 2022-Aug 2022

- Documented database schema and data collection
- Refactored database upgrade code to improve maintainability
- Developed a tool to help migrate documentation to a wiki

Computer Science Learning Center, Houghton – *Coach*

Aug 2021 - Current

- Helped other college students with studying and classwork
- Explained computer science concepts to small groups

Milan Tae Kwon Do, Milan – *Instructor*

Sep 2018-Mar 2020

- Taught and led classes and small groups with students of a wide age range
- Helped to organize demonstrations and other events

Extracurriculars

Humane Interface Design Enterprise – *Developer*

Aug 2021 - Current

- Developed Bluetooth communication system in Python interfacing with a local web server on a Raspberry Pi to inflate and deflate pillows
- Developed a corresponding Android app (Java) to communicate with said Pi
- Modelled the case for the Pi

McNair Hall Association– *Hall Vice President, Secretary*

Oct 2020 – May 2022

- Served as Publicity Chair – managed social media and poster creation
- Managed paperwork and recording meeting minutes
- Helped to organize and run small- and large-scale events (participants ranging from 15-500)

Copper Country Coders– *Assistant, Teacher*

Oct 2020 – Dec 2021

- Taught or helped to teach middle school and high school students basic programming skills
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Projects

Overbeek Audio – *Tauri, Svelte*

A desktop application that makes accessing and playing music easy. Effectively operates as a soundboard pulling audio from Youtube.

Skills

Software: Linux, Windows, Google Suite, Git(hub), SQL, Visual Studio, VSCode, JetBrains IDEs, Eclipse

Programming Languages: Java, C/C++, Python, C#, Svelte (JS, CSS, HTML), Flutter (Dart)