

# Jotham Teshome

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## Education

**Michigan State University**  
Bachelor of Science, Computer Science  
Minor: Business

Dec 2022  
GPA: 3.657

## Experience

### Technical Projects

Portfolio Website

Sep 2022

- Created a website using CSS and HTML to display the projects I have worked on in the past
- Customized HTML elements using CSS class selectors to create a more appealing design

Pong

Feb 2022

- Created the game Pong by using the Pygame library in Python to use as a base for training a neural network to play the game.
- Implemented Object-Oriented Programming practices by breaking down the game into objects to write better quality code.

Discord Bot

Nov 2021

- Created a Discord bot by using the Discord library in Python and documentation to improve a Discord server run by users.
- Implemented a weather reporting method to the Discord bot by using the OpenWeatherMap Geocoding API, OpenWeatherMap Weather API, and RESTcountries API to populate accurate weather data.
- Implemented a method that pulls Reddit posts by using the PRAW Reddit API Wrapper to improve server quality by giving access to Reddit without leaving Discord.

### Virtual Internship Experience

MSU College of Engineering Career Center

May 2021 – Aug 2021

- Analyzed Covid-19 data using CDC data and Tableau to better understand the spread of the virus.
- Assisted a company in adopting a new business model by evaluating its financials and the willingness to adopt of its subsidiaries to determine the best implementation strategy.

## Activities & Awards

Michigan Competitive Scholarship  
Spartan Hackers, General Member  
MSU Spartasoft, General Member

Aug 2019 - present  
Sep 2022 - present  
Sep 2021 – May 2022

## Skills

*Programming Languages:* Python, C++, C, Assembly, JavaScript, SQL, HTML, CSS

*Data Visualization Programs:* Tableau, Power BI

*Productivity Software:* Microsoft Office Suite, Adobe Photoshop

*Language(s):* English(fluent)