

Jotham Teshome

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Education

Michigan State University

Bachelor of Science, Computer Science
Minor, Business

Dec 2022

GPA: 3.657

Experience

MSU College of Engineering Career Center

May 2021 – Aug 2021

Virtual Intern

- Analyzed Covid-19 trends using CDC data and Tableau, creating a visual 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

Skills

Programming Languages:	Python, C++, C, JavaScript, Dart
User Interface:	HTML, CSS
APIs/SDKs/Frameworks:	OpenWeatherMap API, Flutter, Android SDK, iOS SDK
Languages:	English (fluent)

Projects

Portfolio Website *HTML, CSS*

Sep 2022

- Created a website using HTML and CSS to display projects and technologies I've worked with
- Increased the accessibility of my website by using responsive sizing to improve the mobile viewing experience

Bulls and Cows *C++*

Sep 2022

- Implemented Bulls and Cows using socket programming to connect client processes to a server
- Created message sending/receiving functionality by using TCP and UDP sockets to send packets through the network

Discord Bot *Python*

Nov 2021

- Created a Discord bot using the Disnake library to improve the user experience of a server
- Implemented a method that pulls Reddit posts using the Python Reddit API Wrapper to allow users to check up on their favorite subreddits without leaving Discord
- Implemented a weather reporting method by using OpenWeatherMap APIs and the RESTcountries API to populate accurate weather data

Coursework

CSE 477 - Web Application Development

Michigan State University
Fall 2022

CSE 422 - Computer Networks

Michigan State University
Fall 2022

CSE 480 - Database Systems

Michigan State University
Summer 2022

CSE 431 - Algorithm Engineering

Michigan State University
Spring 2022