



# Edom Yared Belayneh

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## EDUCATION

### Central Michigan University

Bachelor of Science in Computer Science & Honors Student

Mount Pleasant, MI

Anticipated Graduation: May 2026

- **GPA: 3.94/4.0**

Relevant Coursework: Principles of Computer Programming, Object-Oriented Programming, Computer Organization and Communications, The Global Tech Experience, Social Issues of Computing

## TECHNICAL SKILLS

- Programming Languages: Java, Python, C, C#, Swift, Shell, SQL
- Development Environments: Eclipse, Jupyter Notebook, VSCode, XCode, Arduino, Unity
- Tools: SQL Pad, GitHub, Wireshark

## LEADERSHIP EXPERIENCE & CAMPUS INVOLVEMENT

### IT Media and Services, Mount Pleasant, MI

February 2024 – Present

Student Technician

- Provide Tier 1 audio/visual support for campus facilities, including troubleshooting and training.
- Utilize a ticketing system to document resolutions, perform maintenance, and assist with AV installations/upgrades.

### Women In Technology (WIT), Mount Pleasant, MI

February 2023 – Present

Vice President

- Empower and support women in the STEM fields through professional development, mentorship, and volunteer work
- Develop different technological workshops and educate ourselves on the hurdles of being a woman in the STEM field

### Academic Support, Mount Pleasant, MI

August 2023 – February 2024

Supplemental Instruction Leader

- Prepare a series of review sessions from each lecture the instructor gives.
- Assist students in understanding the basics of programming in Java.

## PROJECTS

### Hangman Duel – Utilized C in Arduino

November 2023

- Developed a two-player Arduino game with Computer Science-themed 8-letter words using serial input – keyboard.
- Built an educational platform, improving engagement in Computer Science concepts to promote learning through play.
- Gained expertise in game development, Arduino programming, and user interaction design.

### Grammy's - Recording Academy – Utilized Python in Jupyter Notebook

November 2023

- Analyzed website interaction data from The Global Tech Experience for both [grammy.com](https://www.grammy.com) and [recordingacademy.com](https://www.recordingacademy.com).
- Employed skills in data manipulation, graph creation, and statistical analysis using libraries like NumPy, Plotly, and Panda.
- Assessed the impact of splitting the websites, providing valuable insights into trends and audience behavior to support the VP of Digital Strategy's decision and enhance user experience.

### Z-Lock – Utilized C# in VSCode and Unity

November 2023

- Demonstrated proficiency in programming, and implemented tilemap to craft a realistic abandoned building environment.
- Incorporated advanced game mechanics such as physics for solid object collisions and gravity.
- Acquired expertise in creating dynamic enemy behaviors that intelligently track and follow the player, even in unpredictable movements.
- balance management, and transactions.

### Hackathon Reimagine – Winner in the "Student Debt" Category

February 2023

- Led a dynamic team in the creation of "CentralPaypath," a web application for Central Michigan University.
- Designed a four-year cost projection tool with real-time updates, covering tuition, living expenses, and other fees.
- With "CentralPaypath," our mission was to empower students by simplifying financial planning. We aimed to make higher education more accessible and help students make informed financial decisions.

## CERTIFICATES

### Google Cybersecurity Certificate

August 2023

- Proficient in safeguarding systems, networks, and cloud platforms through hands-on experience and real-world projects.

### Global Tech Experience – Python & SQL

October 2023

- Proficient in SQL for data extraction, analysis, and reporting, driving data-driven decision-making.