

Mostafa Al-sawaf

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EDUCATION

Eastern Michigan University

Computer Science B.S, Computer Engineering Minor – Graduating 2026

- o Relevant Courses: Computer Organization, Programming Data Structures, Computing in Engineering Technology.

Henry Ford Early College

General Education– Completed

- o Relevant Courses: C, C# C++, Java, Discrete Mathematics, Software Engineering, Principles of Programming, Web Development, SQL Database Development.

SKILLS

- o **Languages** C, C++, C#, Python, Java, PHP, JavaScript, SQL, HTML, CSS, GDScript, Swift.
- o **Tools:** Git, Jupyter Notebook, Visual Studio, Godot, IntelliJ, JavaFX, Xcode.

PROJECTS

[IOS Mobile App: Crumbelievable](#)

- o Worked in a team to create an app for a client who wanted to take their business to the next level. The app allows customers to manage their account, create orders, and take part in a rewards system.
- o Used Swift, Xcode, Git

[C++ Simulated Language and CPU/Memory](#)

- o Created a simulation of a programming language and CPU/memory. The project allows you to write code with a custom syntax.
- o Used C++ and Visual Studio Code.

[Java Audio Player](#)

- o Designed and implemented a Java-based audio player application enabling users to create and play playlists from their local computer files.
- o Used Java, JavaFX, Java Media Player, and GitHub.

[Face Detector and Motion Tracker](#)

- o Developed a camera app that creates a square that follows movement or a person's face. Records the times when there was movement and creates a graph that displays when the movement happened.
- o Used Python, cv2, bokeh, pandas.

EXPERIENCE

CERTIFICATE

Information Technology Specialist in Software Development

- o Certified in Software Development, having successfully completed a comprehensive certification exam. Demonstrated proficiency in software development concepts, tools, and techniques. This certification highlights a commitment to continuous learning and professional development in the field of software engineering.

CVS

Pharmacy Technician - Current

- o Assisted pharmacists in preparing and dispensing medications while managing inventory and maintaining patient records.

HOLIDAY PLAZA LAUNDROMAT

IT and Customer Support – 2019-2023

- o Repaired computer and camera systems. Updated and backed up the computer and smart laundry card systems. Provided customer service and support with operating and troubleshooting machines.