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, Computer Hardware & Software.

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.

EXPERIENCE

OUTLIER AI

AI Training Specialist OCT 2024 - Current
- Curated, tested, and refined training data to ensure relevance and consistency for machine learning models.
- Trained AI models using Java programming scenarios and datasets to enhance performance and accuracy.

MICHIGAN FC ROBOTICS

Software Programmer SEP 2023 – APR 2024
- Developed robot functionality using Java, ensuring seamless performance during competitions
- Conducted thorough debugging and testing to identify and resolve issues in real-time.

HOLIDAY PLAZA LAUNDROMAT

IT and Customer Support AUG 2019- OCT 2023
- Repaired and maintained computer and camera systems, ensuring optimal functionality.
- Performed regular updates and backups for the smart laundry card and computer systems.
- Provided customer service, assisting customers with operating laundry machines.

PROJECTS

IOS Mobile App: Crumbelievable
- 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.
- Used Swift, Xcode, Git

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

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

Face Detector and Motion Tracker
- 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.
- Used Python, cv2, bokeh, pandas.

SKILLS

Languages C, C++, C#, Python, Java, PHP, JavaScript, SQL, HTML, CSS, ASM, GDScript, Swift.

Tools: Git, Jupyter Notebook, Visual Studio, Godot, IntelliJ, JavaFX, Xcode.

CERTIFICATES

Information Technology Specialist in Software Development
- 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.