

Resume

Amal Hammoud

Software Engineering Student

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OBJECTIVE

Student knowledgeable in C/C++ and Python seeking an ADAS Engineering Internship at Aptiv. Passionate about developing camera-based perception algorithms to enhance vehicle safety.

EDUCATION

University of Michigan (Dearborn, MI)

Jan 2025 - Present

Bachelors of Science, Software Engineering

Expected Graduation Date: Fall 2026

Future Coursework: Artificial Intelligence, Software Development, Computer Vision, Machine Learning, Automotive Technologies

Henry Ford College (Dearborn, MI)

Jan 2023 - Dec 2024

Associate of Science, Computer Science | 3.89/4.00 GPA

Awards: Dean's List: 2022, 2023, 2024

Relevant Coursework: C/C++ Programming, Calculus, Discrete Math

CERTIFICATIONS

AMATYC (2023-2024): Awarded Outstanding Achievement in mathematics competition

EXPERIENCE

Cashier (Carryout)

Nov 2022 - Present

Malek Al-Kabob (Dearborn, MI)

- Handle customer orders efficiently in a fast-paced environment.
- Ensure order accuracy and collaborated with the kitchen team for seamless service.
- Maintain a friendly and professional demeanor to enhance customer satisfaction.

Substitute Teacher

Sept 2024 - Present

Dearborn Public Schools (Dearborn, MI)

- Manage classrooms and facilitate learning for students in grades K-12.
- Utilize problem-solving and time-management skills in dynamic settings.
- Communicate with students and administrators to maintain daily operations.

Islamic Studies Tutor

Nov 2022 - June 2023

Islamic Center of Detroit (Detroit, MI)

- Designed personalized lesson plans accommodating diverse student needs.
- Collaborated with educators to assess and enhance student performance.

PROJECTS

Tic-Tac-Toe Game: Built an interactive game featuring single and two-player modes (with AI) and input validation for seamless user experience.

Dec 2024

Taco Truck Ordering System: Developed a C program to handle menu navigation, pricing, and order summaries of various items.

Oct 2024

VOLUNTEER ACTIVITIES

6th Annual Society of Women Engineers Conference: Attended sessions to expand knowledge of engineering innovations and network with professionals.

Mar 2024

STEM Family Day Volunteer: Engaged with children and families as the "Math Magician," demonstrating creative problem-solving skills.

Feb 2024

Academic Tutor in Lebanon: Tutored 9th-grade students in Lebanon, providing ongoing support to boost their academic performance.

A 2022

LANGUAGES & SKILLS

C/C++



Python (currently learning)



Mathematical Tools



Microsoft Office



Arabic

