

# Adam Ahmed

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## Education

**University of Michigan - Dearborn**

*Bachelor of Science in Computer Science*

Dearborn, MI

2021 – 2025

## EXPERIENCE

### Software Engineer Intern

May 2024 – Aug 2024

*General Motors*

*Hybrid*

- Utilized Docker to connect and manage various servers and meta servers, ensuring seamless integration and efficient deployment. Successfully launched and maintained the deployment page, enhancing operational efficiency and accessibility using C++, Java
- Developed and Analyzed Python test cases and conducted various forms of unit testing as well as bench testing to ensure Quality Assurance standards are met
- Collaborated with Senior Developers throughout various Software Development Life Cycles, actively participating in code reviews and contributing to debugging and optimization efforts
- Contributed to automated testing efforts, enhancing testing frameworks and scripts to improve test coverage and efficiency

### Software Engineer Intern

May 2023 – Aug 2023

*General Motors*

*Hybrid*

- Successfully Elevated and Migrated Systems Engineering requirements from DNG/DOORs to Confluence for improved accessibility and collaboration
- Created comprehensive baseline requirements documents (STS/FNC) in Confluence, ensuring clarity and consistency
- Demonstrated strong proficiency in the C language, showcasing my ability to read, analyze, and effectively correct code, thereby ensuring efficient and error-free programming
- Bridged Chime system requirements to live implementation through direct coding involvement, highlighting adeptness in software architecture and translating concepts into functional solutions.

### Software Test Engineer Intern

May 2022 – Aug 2022

*HARMAN International*

*Novi, MI*

- Utilized scripting logs to handle debugging and automation scripting tasks
- Utilized Git to retrieve source code from developers
- Communicated with developers and software engineers regarding non-compliance in existing code with updates to compilers and evolving standards of best practice in Python

### System Engineer Intern

Oct 2021 – April 2022

*Denso*

*Novi, MI*

- Conducted function and black box testing; CANoe system test tool
- Installed, configured and tested operating systems and application software
- Participating in group evaluations of bench-marking and assisting the evaluation team with research

## PROJECTS/CERTIFICATES

### Automation | *Python, Git, PyCharm*

July 2022

- \* Developed and implemented a script capable of scraping and formatting over 9000+ lines of code
- \* Provided technical specifications in details
- \* Provided testing methods for future references

### CodeCademy | *VSCode, Online Platform*

2022

- \* Learn Python 3 Course, Learn JavaScript Course
- \* Learn HTML Course, Learn CSS Course
- \* Foundations of Cloud Computing Course

## TECHNICAL SKILLS

**Languages:** Python, C/C++, JavaScript, HTML/CSS

**Frameworks:** React, Node.js

**Developer Tools:** Git, Gerrit, BitBucket, VS Code, Visual Studio, PyCharm, Eclipse