

EAS

Evan A. Schock

PROFILE

Graduated with a Bachelor of Science in Computer Science from Western Michigan University, with a strong emphasis on Artificial Intelligence and a passion for software development.



ADDRESS

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Website

eschock13.github.io/
evan-schock-portfolio



SKILLS

- Programming Languages: Python, SQL, HTML, CSS, PHP, C
- AI Development
- Proficient in Microsoft Office (Word, Excel, PowerPoint, etc.)
- Proficient in Google Suite (Drive, Docs, Sheets, etc.)



REFERENCE

Noah Maceri, Engineer
Magna Electronics
noah.maceri@magna.com
(586) 344-3065

EXPERIENCE

Magna Electronics

Rochester Hills, MI

Artificial Intelligence Intern

May 2024 – July 2024

Magna Electronics, a division of the Tier 1 supplier Magna International, develops advanced electronic systems and technologies for the automotive industry.

- Led a project where I extensively used Python to train a large language model (LLM) for generating automotive test cases. This involved preprocessing and formatting large datasets of requirements and test cases using libraries like Pandas to ensure the data was clean and ready for model fine-tuning.
- Worked with various LLMs including Llama 3.1, Phi 3, and Mistral AI.
- Collected and refined extensive datasets of previous requirements and test cases for fine-tuning the models.
- Developed a user-friendly graphical user interface (GUI) to facilitate interaction with the LLM and streamline the test case generation process.

Supreme Machined Products

Spring Lake, MI

Quality Intern

May 2021 – Jan 2023

Supreme Machined Products is a manufacturer of machined steel automotive components for tier 1 and OEM sub-assemblies.

- Created Python scripts to automate data collection and formatting processes, significantly reducing manual effort and improving efficiency.
- Developed a customized page within the internal software using SQL to query critical quality information. This page provided quick access to important metrics and streamlined decision-making processes by enabling real-time insights.
- Oversaw the rebuilding of the company website after multiple crashes.
- Performed MSA Studies and Gage RNR for company reports.

Amazon

Grand Rapids, MI

Associate

May 2020 – Aug 2020

Packaged products and restocked boxes for other associates. Trained and oversaw the success of new employees.

EDUCATION

Western Michigan University

Kalamazoo, MI

Bachelor of Science in Computer Science

Graduated December 2024

- Foundations of Programming Languages: Explored the design principles of programming languages using Java and JUnit, analyzing syntax, semantics, and implementation techniques.
- Database Management Systems: Studied database design and implementation, learning to write complex SQL queries, normalize databases, and use relational database management systems.
- Senior Design Project: Collaborated on a team to develop a HoloLens application using C#, enabling shared holograms between devices to create a seamless mixed-reality experience.

Purdue University

Computer Engineering Major / Entrepreneurship Minor

Spring Lake High School

3.955 GPA

West Lafayette, IN

Transferred July 2021

Spring Lake, MI

Graduated May 2019