Lukas Sagmani

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EDUCATION

Wayne State University, College of Engineering, MI Detroit— Computer Science

2021 - DEC 2025

- Relevant Coursework: Object-Oriented Programming (C++), Fundamentals of Computer Science, Calculus III, Python Programming, Java Programming.
- CASA (Chaldean American Student Association)-A diverse group with many different majors, all of which connect and set up organizations to meet people and their fields.

ENGINEERING PROJECTS

Python Math Game — Full Developed Math Game, Wayne State   **Completed Winter 2022**

- Integrated a feature that allows users to select their preferred level of difficulty, catering to a wide range of mathematical proficiency levels.
- Enabled users to choose the type of mathematical operation they wish to solve, offering a personalized learning experience.
- Implemented a feedback mechanism that displays both correct and incorrect answers, promoting user learning through immediate feedback.

RC Car– 3D printed Car, Wayne State   **Completed Fall 2022**

- Utilized 3D printing technology to fabricate intricate and precise components for a vehicle, demonstrating an understanding of advanced manufacturing techniques.
- Worked on achieving functionality in directional motion, reflecting a focus on mechanical systems and their practical applications.
- Contributed to the implementation of steering capability, highlighting understanding of control systems.

WAT – Tech Town Project/ Web Design, Wayne State   **Completed Fall 2023**

- Facilitated a group aimed to improve a website.
- Focused on prototyping an accessible and affordable shower regarding people with disabilities.
- Contributed to the transformation of a website into a fully functional platform that effectively communicates the company's mission and services.

Capstone Project — 12 Page Research Project, Romeo Highschool   **Completed Winter 2021**

- Undertook a comprehensive 12-page research project focusing on the effects of GMOs on biodiversity.
- Collaborated with subject matter experts to gain valuable insights into the impact of GMOs on the modern world.
- Conducted extensive surveys to gauge public awareness and understanding of GMOs and their significance.

TECHNICAL & SOFTWARES SKILLS

- **C++ and Object-Oriented Programming**: Powerful understanding of C++ and object-oriented programming, which allows me to develop efficient and scalable software solutions.
- **Microsoft:** Strong command of Microsoft platforms, including Excel, Word, and PowerPoint.
- **Python Programming**: Possesses a solid foundation in Python programming, enabling me to handle complex coding tasks.
- **3D Design with CAD/NX:** Has utilized CAD/NX for designing 3D printed objects for various projects.
- **AutoCAD Blueprint Design:** Leveraged AutoCAD to design blueprints for commercial and residential buildings as well as landscapes, showcasing my versatility in different design contexts.
- **HTML Fundamentals:** Expanding proficiency in HTML, familiar with creating simple web pages and am eager to learn more complex structures and techniques.

EXPERIENCE

HopCat, Detroit — Line Cook   NOV 2022 - APR 2023

Five guys, Shelby — Cook/Trainer   MAR 2018 -SEP 2022