James Williams

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EDUCATION

Michigan State University, College of Engineering- Lansing, Mi   NA
Bachelor of Science, Computer Science   May 2024 - May 2028

Allen Park High School, Allen Park, MI   GPA: 3.50
High School Diploma   September 2020 - May 2024
Honor roll

EXPERIENCE

Tim Hortons- Allen Park, MI | 2 Years
Cashier / Closer   September 2022 - August 2024
- Delivered proficient customer service, managing high-volume orders with accuracy and efficiency, increasing customer satisfaction by over 20%

LEADERSHIP

Precision Agriculture Robotics Club- Allen Park, Michigan
Perception and Navigation   September 2024 - Present
- Collaborated with a team of 15 members to create an autonomously controlled robot using Python and C++
- Programmed vehicle control systems using microcontrollers (e.g., Arduino, Raspberry Pi) to automate sensor feedback, enhancing robot efficiency and accuracy

FRC Robotics Team 815- Allen Park, Michigan
President and Lead Programmer   January 2021 - August 2024
- Leadership: Directed a team of 20+ members, delegating tasks, supervising project timelines, and ensuring team cohesion
- Project Management: Led design, development, and deployment of competition-ready robots, encountering strict deadlines to decrease deadlines confronted by 80%
- Programming Expertise: Developed and implemented complex algorithms for robot automation using Java

PROJECTS

Current-World-Electricity-Access-Sorter
- Created an AI-powered quiz creation system using OpenAI technology to assist students in studying.
- Implemented backend logic with Python 3.12 and frontend display using HTML and CSS.

AcePace- Detroit, Michigan
Founder
- Open AI-powered quiz creation system to assist student with studying
- Designed both backend logic and frontend presentation for seamless user interaction.
- Future Plans: Intend to expand the tool using advanced programming and machine learning concepts to launch a small business, providing personalized study solutions for students.

SKILLS

- C++ | Java | JavaScript | Python | HTML | CSS
- Frontend | Backend