

Connor Sheridan

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Computer science undergraduate looking to further develop computational skills and apply learned technical knowledge in a real-world setting. Actively seeking immediate or summer internship or full-time positions post-graduation experience to contribute meaningfully to a team while gaining valuable industry knowledge.

EDUCATION

Michigan State University – E.Lansing, MI

Bachelor of Science, Computer Science, GPA: 3.4

Expected May 2025

L'Anse Creuse High School North – Macomb, MI

High School Diploma, GPA: 3.7

May 2021

WORK EXPERIENCE

Michigan State University Computer Science Capstone, E.Lansing, MI

Team RPM

Aug 2023 – Apr 2024

- To reduce human involvement, RPM wants to automate incoming order emails and significantly minimize manually processed orders. Our Automated VIN Integration Software achieves this by automating vehicle order types processed by email. The software receives incoming email orders, classifies the attachments and extracts details for order creation. Our AI models analyze text and CSV files, providing manual order creation for additional file types. Our software improves error detection by using external tools and common data input patterns for order validation. The software visualizes order statistics and customized metrics tailored to the customer or specific date ranges, enabling improved customer insight. Brokers can access the software on RPM's internal company apps platform for simple integration into current processes. Our software provides automated support to RPM brokers, minimizing overhead costs and significantly reducing order processing time.
- The React front end and Flask back end are containerized using Docker and hosted on Azure hosting services. Our software uses Python and JavaScript, in addition to various Azure services. Utilizing Azure functions and HTTP triggers, the software classifies and uploads documents. OpenAI's API extracts text and returns a structured JSON output. After error checking, the JSON formatted order is posted to the RPM order API from Flask.

Ronald McDonald's, Macomb MI

Crew Member

May 2023 – Aug 2024

- Guaranteed customer satisfaction by swiftly collaborating amongst a team to deliver a correct output in the midst creating a spotless and pleasurable atmosphere.
- Heightened work ethic and experience by, assuring a flexible operation contributing to an effective supply line working collectively to ensure a finalized product while also upgrading communication skills amongst customers to boost satisfaction not only by a positive and disciplined attitude but along with these skills, a cleansed climate.

Nino Salvaggio International Market, Macomb MI

Produce Preparation Worker

May 2022 – Aug 2023

- Performed routine food preparations in a clean environment while assisting in the distribution of work equipment and supplies as well as restocking the final products in their designated areas.
- Strengthened performance as a team member by advancing teamwork and customer service skills to new levels while acquiring new skills such as complying with company safety procedures to administer a safe working environment and enforcing performance and service standards to keep a consistent, high-quality climate devoted to customer satisfaction.

SKILLS

Programming Languages: ARM Assembly Language, C, C#, C++, HTML, Python, SQL

Software Applications: Printed Circuit Board (PCB) Design, RStudio, SolidWorks Computer Aided Design (CAD) Software, Software, Unity Game Engine, Wireshark, wxFormBuilder

Management Tools: Google Drive, Microsoft Office, Microsoft Teams, Visual Paradigm, Azure

ACTIVITIES

Michigan State Solar Racing Team (MSUSRT)	Sept 2021 – May 2022
Esports Club Association of Michigan State University	Sept 2021 – Present
Michigan State University College of Engineering	Jan 2023 – Present
Michigan State University Capstone Project	Aug 2024 – Apr 2024