Michael Dreon

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Objective

Seeking an internship in the computer science field to gain hands-on experience.

Education

Michigan State University, College of Engineering   3.66 GPA

Bachelor of Science, Computer Science

Expected Graduation: Spring 2027   August 2023 - Present

Adams High School   August 2019 - May 2023

Experience

-Michigan State University   *Coursework in pursuit of Computer Science Degree*

- Took classes focused on Python, C++, C, SQL, and AArch 64 assembly, with an emphasis on computer architecture and systems programming
- Created an animation software allowing the user to move characters with keyframes, allowed the saving and loading of animations
- Utilized object oriented programming to design efficient and expandable software
- Used SQL to create a web application allowing users to login securely
- Collaborated with a team of 4 to design, build, and demonstrate an Arduino circuit utilizing Arduino IDE to study and program in C++
- Debugged existing programs while learning problem solving and algorithm design skills to make efficient programs

-MSU Solar Racing Team *Software & Telemetry Team Lead*   November 2025-Present

- Helped design and maintain software necessary for the Solar Racing Team's vehicle.

-Rochester Community Schools *Temporary Summer Tech Help*   June-August 2025

- Worked within a group of 3-8 others to handle and care for the technological needs of the school district, such as administering the migration of over 2000 laptops into the Windows 11 system
- Assisted in the enrollment of 4000 chromebooks into the RCS system for the upcoming school year

-Food Service Employee *Shift Lead*, Dairy Queen | *Line Cook*, D'Marcos Italian Kitchen

- Utilized customer service skills, time management, and working with other people to deliver best possible experience to customers while under strict time constraints for over 4 years
- Led, taught and organized groups of 4-5 people and watched work to ensure it was up to standards for 2 years

Skills

- Languages: C++, C, Python, SQL, Java, Javascript
- Frameworks: wxWidgets, WebGL, QT
- Other: Communication, Public speaking, Working under pressure, Microsoft Suite

Achievements

-Scouts BSA *Eagle Scout*   July 2022

- Organized and led a group of 15 to construct and implement picnic tables at Cranberry Lake Park to make the area more accessible and useful

Community Involvement

- **Cystic Fibrosis Foundation** Participate and help fundraise yearly awareness walk
- **Neighborhood House** Volunteer and help at community events
- **Member of the National Honors Society** Completed acts of service regularly for 3 years
- **Member of BSA Scouting** Completed service acts for community for 6 years
- **Varsity Wrestling Captain** Showcased leadership, teamwork, and dedication for 3 years