

**Andrew Kajy**  
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## EDUCATION

Wayne State University, Detroit, MI  
Bachelor of Science in Electrical Engineering  
Expected Graduation: May 2028

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## PROFESSIONAL SUMMARY

Motivated Electrical Engineering student at Wayne State University seeking a Summer 2026 co-op or internship in the automotive industry. Experienced in CAD design, Arduino-based embedded systems, and hands-on prototyping. Proven leader with real-world management experience and strong problem-solving skills.

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## TECHNICAL SKILLS & EXPERTISE

### Software & Tools

AutoCAD, Siemens NX,  
Arduino IDE, Excel,  
Ultimaker Cura

### Electrical & Embedded

Arduino, C/C++, Circuit Design,  
Motor Control

### Manufacturing & Prototyping

3D Printing, Dimensional Metrology,  
Drafting & Tolerancing

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## TECHNICAL PROJECTS

Arduino-Controlled Mechanical Game | Team Project

*Wayne State University*

- Designed and modeled mechanical components in Siemens NX for a functional conveyor-style game system
- Programmed Arduino-based motor control (C/C++) to drive synchronized propellers and continuous belt motion
- Applied dimensional metrology to ensure tolerance accuracy for 3D-printed components
- Collaborated in a team to prototype, test, and refine a working electromechanical system

*CAD & 3D Printing Design Projects | Academic Coursework*

*Wayne State University*

- Created detailed 2D and 3D models of mechanical components, buildings, gears, shafts, and assemblies using Siemens NX
- Produced engineering drawings with proper dimensions, constraints, and annotations
- Utilized 3D printing to fabricate prototypes and validate design accuracy
- Evaluated part fit, function, and tolerances through measurement and inspection

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## PROFESSIONAL EXPERIENCE

Savvy Sliders, Madison Heights, MI  
Restaurant Manager | Jan 2023 – Present

- Managed daily operations for a high-volume restaurant serving 100+ customers per shift
- Supervised, scheduled, and trained a team of 10-15 employees
- Resolved real-time operational issues to maintain service speed and quality during peak hours
- Applied leadership, troubleshooting, and time-management skills in a fast-paced environment