

Andrew Kajy
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EDUCATION

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

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.

TECHNICAL SKILLS & EXPERTISE

Software & Tools	Electrical & Embedded	Manufacturing & Prototyping
AutoCAD, Siemens NX, Arduino IDE, Excel, Ultimaker Cura	Arduino, C/C++, Circuit Design, Motor Control	3D Printing, Dimensional Metrology, Drafting & Tolerancing

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

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