

Ryan Oppel

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EDUCATION

Northern Arizona University

Bachelor's Degree

Mechanical Engineering — Major

Electrical Engineering — Minor

August 2021 - Present, will be completed summer of 2026

EXPERIENCE

IML Containers, Bellemont, AZ

Robotics Technician - Weekend Manager

June 2024 - present

- Programming, operating, and repairing injection molding units and Fanuc robots
- Managing and leading a team of 3 to 5 people to operate a factory floor on weekends
- Maintain a work environment to food grade standards

Northern Arizona University - Dining Maintenance, Flagstaff, AZ

Dining Technician

January 2023 - present

- Maintenance on all dining appliances on campus including refrigerators, steamers, ovens and dish machines
- Upkeep on all dining related equipment and building including all fast food locations on campus
- Manage dining equipment and locations for large school events

Custodial staff, Family Life Academy, Tucson, AZ

Custodial Staff

May 2020 - January 2024 (summers and winters)

- Maintenance of campus including landscaping, plumbing, and electrical
- Building Renovations
- Setting up and tearing down campus events

SKILLS

- MatLab
- SolidWorks
- Certified for a lathe
- Able to work in food-grade standards
- Certified for most common workshop tools
- Forklift certified

Projects

Ankle Exoskeleton — Capstone Project

The project task was to build an ankle exoskeleton for our client (Dr. Lerner, head of the robotics lab at Northern Arizona University). Our ankle exo-skeleton is designed to help people walk who have neuromuscular disabilities such as cerebral palsy. Our project sponsore was W.L. Gore.