


# EMILY LADENSACK

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Senior level college student looking for a Summer 2023 internship. I was a coordinator for the development of a grilled cheese cooking robot and am currently a team lead for the Rover Autonomy and Networking sub team in the MINE enterprise.

## Education

Expected graduation: May 2023

### Robotics Engineering / *Michigan Tech, Houghton MI*

A current academic standing of 3.69 has been maintained with 64 credit hours completed and 15 more currently in progress. Some topics taken include Control Systems, Programming in C, Digital Logic, Robotics, Microcontrollers, and involvement in the Mining Enterprise.

May 2020

### Associates of Applied Science / *Kirtland, Grayling MI*

This degree was obtained with a GPA of 3.8 at Kirtland Community College. All non-degree courses taken were in mechatronics technology. The coursework taken included Introduction to Pneumatics and Hydraulics, Programmable Logic Controllers, Basic Electricity, Mechanical Drives, and Computer Aided Design.

## Experience

May 2022 – August 2022

### Engineering Intern / *Morbark LLC, Winn MI*

Duties included soldering a CAN network connection point box, researching a proprietary CAN network to utilize it in more situations than it was designed for, training on the robotic welders, researching hydraulic components, and compiling hydraulic component specs in an easy-to-read manner on purchase part drawings.

October 2020 – Current

### Archival Student Assistant / *Michigan Tech, Houghton MI*

Duties include assisting patrons with research, database utilization, copying/scanning/printing various document formats, filing, reshelving materials, customer service, and newspaper clippings preparation.

June 2017 – August 2020 (Summers)

### YCC Crew Leader / *USDA Forest Service, Mio MI*

Duties included supervision of YCC crew members, assisting the Forest Archeologist with Section 110 archaeological site evaluations, assisting the Forest Archaeologist with Section 106 compliance surveys, supervised daily field preparations and logistics, artifact recovery and display preparation, preparation and presentation of Heritage Outreach programs, and presentation and coordination of Heritage Outreach events.