

# KATELYN BURMEISTER

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## SKILLS & ABILITIES

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- Matlab
- NX
- Excel
- Hypermesh
- Motion View
- Six Sigma Yellow belt
- Perseverance
- Ambition
- Detail Orientated

## EDUCATION

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Expected May 2024 *Michigan Technological University* | Houghton, Michigan  
**BS Mechanical Engineering** | GPA 3.69  
**Aerospace Engineering Minor**

May 2020 *ASM Tech Early College High School* | Scottville, Michigan  
Diploma and Michigan Early Middle College Association (MEMCA) Certificate

## EXPERIENCE

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Summer 2023 **Tour Guide**, *Adventure Mining Company* | Greenland, MI

- Guided tourists through historic copper mine on both walking and rappelling tours

2022-2023

**Engineering Fundamentals Learning Center Coach**, *Michigan Technological University* | Houghton, MI

- Tutored students on basic 3D Modeling and MATLAB concepts

Summer 2022 **Quality Intern**, *GE Aviation* | Muskegon, MI

- Implemented improvements to track quality issues across the plant
- Learned overview of the manufacturing process

2016-2021 **Accommodations**, *Dunes Harbor Family Camp* | Mears, MI

- Cleaned the campground including bathhouses, rental campers, cabins etc.
- Trained new employees on proper cleaning procedures

## LEADERSHIP

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Faith Formation Aid

- Helped Kindergarten through 2<sup>nd</sup> grade kids with both teaching and leading various activities

Multiplanetary Innovation Enterprise (MINE) Lunabotics Mechanical System Co-Lead

- Will lead a team of mechanical engineers to design, build and compete in a NASA sponsored project to build a lunar environment rover using the systems engineering process.