

# MORTISHA DEROCK

Assistant Engineer

[mortisha.derock@gmail.com](mailto:mortisha.derock@gmail.com)

(101) 882-5948

1234 Elm Street, Milwaukee, WI 53202



## PROFILE

Dedicated Assistant Engineer with 1 year of experience in providing engineering support and solutions to diverse industries. Adept at assisting in project management, designing, and troubleshooting, while ensuring adherence to industry best practices and safety standards. Demonstrates excellent communication and teamwork skills, with a strong commitment to continuous learning and professional growth.

## LINKS

[linkedin.com/in/mortishaderock](https://www.linkedin.com/in/mortishaderock)

## SKILLS

AutoCAD proficiency



MATLAB expertise



SolidWorks mastery



Python programming



LabVIEW competency



Revit knowledge



PLC programming



## LANGUAGES

English



German



## HOBBIES

Model building

Amateur radio operation

Robotics and automation projects

## EMPLOYMENT HISTORY

### Assistant Engineer I at Alliant Energy, WI

Feb 2023 - Present

- Successfully managed a team of technicians to complete a major substation upgrade project, resulting in a 20% increase in efficiency and a reduction in power outages by 15%.
- Developed and implemented an innovative maintenance strategy for electrical systems, reducing unplanned downtime by 25% and saving the company \$200,000 annually.
- Played a key role in the design and installation of a new energy management system, leading to a 10% reduction in energy consumption across Alliant Energy's facilities in Wisconsin.
- Spearheaded a cross-functional team to improve safety protocols and training, leading to a 30% decrease in workplace accidents and injuries over a two-year period, ultimately enhancing the company's reputation for safety.

### Assistant Engineer II at Kohler Co., WI

Jul 2022 - Dec 2022

- Successfully redesigned and implemented a new assembly line process for Kohler's faucet production, resulting in a 15% increase in efficiency and saving the company \$500,000 annually.
- Led a cross-functional team of 10 engineers and technicians to troubleshoot and resolve a critical issue with the casting process of Kohler's bathtubs, reducing defects by 50% and improving overall product quality.
- Developed and executed a preventive maintenance program for Kohler's manufacturing equipment, leading to a 20% reduction in unplanned downtime and increasing overall productivity by 10%.

## EDUCATION

### Bachelor of Engineering in Mechanical or Electrical Engineering at University of Wisconsin-Madison, WI

Aug 2018 - May 2022

Relevant Coursework: Thermodynamics, Mechanics of Materials, Fluid Mechanics, Heat Transfer, Dynamics, Control Systems, Circuit Analysis, Electrical Machines, Power Systems, and Digital Electronics.

## CERTIFICATES

### Certified Assistant Engineer (CAE)

Dec 2021

### Engineering Technician Professional Certification (ETPC)

Dec 2020