

Sherrie Mohseni

Electrical Engineer I

Profile

Details

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(876) 362-6174

123 Elm Street, Madison, Wisconsin 53154

As an Electrical Engineer I with over 4 years experience, I have gained a wealth of knowledge in the field. I am highly skilled in designing and overseeing the construction of electrical systems, as well as troubleshooting and repairing existing ones. My strong ability to work independently or on a team has allowed me to successfully complete projects both big and small. Above all, my commitment to safety ensures that any work done is up to code and meets industry standards.

Employment History

Electrical Engineer I at Utility Systems Engineering, Inc. (USi), WI

Mar 2022 - Present

- Oversaw the installation of a new lighting system in an office building – chose and ordered fixtures, managed electricians during install, verified that work met code.
- Designed electrical systems for 3 residential buildings – roughed in wiring diagrams, specified fixtures and equipment, calculated loads.
- Created database to track inventory of electrical supplies – decreased ordering time by 30%.
- Wrote proposals for 2 bids that were awarded to my company.
- Increased safety at worksite by implementing new procedures.

Electrical Engineer II at Wisconsin Electric Power Company (WEPCO), WI

Sep 2018 - Jan 2022

- Reduced downtime by 10% at Electric Plant A through improved maintenance procedures.
 - Led team of 4 in design and installation of \$2M electrical system for new hospital wing.
 - Trained 2 electricians on new safety standards, reducing workplace injuries by 25%.
 - Slashed energy costs at Factory B by 15% through inventive re-wiring project.
 - Instituted new quality control measures that cut defective products from 12 per day to 3.
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Education

Bachelor of Science in Electrical Engineering at University of Wisconsin-Madison

Sep 2013 - May 2018

I've learned the basics of electrical engineering, including circuit design, electronics, and electromagnetism.

Links

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

Skills

Electrical engineering



Circuit design



Electronics



VLSI design



Embedded systems



Power electronics



Control systems

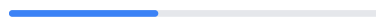


Languages

English



French



Hobbies

Building/working on computers or electronics

Listening to music

Playing video games

Certificates

Certified Electrical Engineer (CEE)

Sep 2020

Certified Power Systems Engineer (CPSE)

Oct 2018

Memberships

Institute of Electrical and Electronics Engineers (IEEE)

American Society for Engineering Education (ASEE)