

Lyndell Deenihan

Electrical Design Engineer

Profile

Electrical Design Engineer with 1 year of experience in designing and implementing electrical systems for various applications. Proficient in utilizing CAD software, analyzing system requirements, and developing innovative solutions to ensure optimal performance and cost-effectiveness. Adept at collaborating with cross-functional teams, troubleshooting issues, and maintaining compliance with industry standards. Demonstrates strong analytical, communication, and problem-solving skills, contributing to project success and continuous improvement.

Employment History

Electrical Design Engineer at Delaware Electric, DE

Mar 2023 - Present

- Successfully designed and implemented a power distribution system for a 50,000 square foot commercial building, leading to a 20% reduction in energy consumption and saving the client \$100,000 annually in energy costs.
- Developed and integrated a custom energy management system for a manufacturing facility that increased energy efficiency by 25%, resulting in annual savings of \$150,000 and a 15% decrease in greenhouse gas emissions.
- Led a team of engineers in the design and installation of a 500 kW solar power system for a large office complex, reducing the facility's reliance on grid electricity by 60% and generating an estimated \$75,000 in annual energy cost savings.
- Collaborated with cross-functional teams to successfully complete a \$1.2 million electrical infrastructure upgrade project for a major utility provider, improving overall system reliability and reducing outage incidents by 35%.

Associate Electrical Design Engineer at , DE

Aug 2022 - Feb 2023

- Designed and implemented a power distribution system for a major commercial building project, resulting in a 20% improvement in energy efficiency and a savings of \$50,000 in annual energy costs.
- Streamlined the design process for electrical systems by integrating advanced simulation software, which led to a 30% reduction in project completion time and increased overall team productivity by 15%.
- Successfully managed a team of junior engineers and technicians on a large-scale industrial facility upgrade, completing the project ahead of schedule and under budget, saving the company \$200,000.

Education

Bachelor of Science in Electrical Engineering at University of Delaware, Newark, DE

Aug 2018 - May 2022

Relevant Coursework: Circuit Analysis, Signals and Systems, Electromagnetic Fields, Digital and Analog Electronics, Control Systems,

Details

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Links

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

Skills

AutoCAD

MATLAB

PSpice

VHDL

Simulink

LabVIEW

Multisim

Languages

English

Urdu

Hobbies

Circuit building and prototyping
Robotics and automation projects
Programming and software development