Willena Camillo

Entry Level Electrical Engineer

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(821) 863-6043
123 Maple Street, Portland, ME 04101

EDUCATION

Bachelor of Science in Electrical Engineering at University of Maine, Orono, ME

Aug 2018 - May 2022

Relevant Coursework: Circuit Analysis, Signals and Systems, Electromagnetic Fields, Electronics, Digital Logic, Microcontrollers, Control Systems, Communications, Power Systems, and VLSI Design.

LINKS

linkedin.com/in/willenacamillo

SKILLS

- Circuit analysis
- Microcontroller programming
- PCB design
- Signal processing
- Power electronics
- Control systems
- Embedded systems

LANGUAGES

- English
- Mandarin

HOBBIES

Building electronic gadgets
Programming microcontrollers

PROFILE

Driven Entry Level Electrical Engineer with 1 year of experience in designing and implementing electrical systems. Proficient in utilizing cutting-edge technology and software to optimize efficiency, safety, and performance. Strong analytical and problem-solving skills, combined with excellent communication and teamwork abilities. Seeking to contribute technical expertise and innovative solutions to a dynamic engineering team.

EMPLOYMENT HISTORY

Entry Level Electrical Engineer at Enercon Services Inc., ME

Mar 2023 - Present

- Successfully designed and implemented power distribution systems for three commercial building projects, resulting in a 15% reduction in energy consumption and saving clients an estimated $50,000 annually.
- Conducted thorough electrical load calculations and analyses for over 20 residential and small-scale commercial projects, leading to a 10% improvement in overall system efficiency and a reduction of 5% in project costs.
- Collaborated with a team of engineers to develop and optimize a solar energy system for a local community center, generating 30% of the center's electricity needs and reducing their carbon footprint by an estimated 10 metric tons per year.

Associate Electrical Engineer at Wood Environment & Infrastructure Solutions, ME

Aug 2022 - Jan 2023

- Successfully designed and implemented a power distribution system for a major industrial client, resulting in a 20% increase in energy efficiency and saving the client over $500,000 annually in energy costs.
- Led a team of junior engineers in the development and installation of a state-of-the-art building automation system for a large commercial building, reducing energy consumption by 30% and achieving LEED Gold certification for the project.
- Conducted comprehensive electrical safety audits for multiple clients, identifying and addressing over 100 potential hazards, and ultimately reducing workplace incidents by 40% in the following year.

CERTIFICATES

Engineer in Training (EIT) Certification

Aug 2021

Certified LabVIEW Associate Developer (CLAD)

Dec 2019

MEMBERSHIPS

Institute of Electrical and Electronics Engineers (IEEE)

National Society of Professional Engineers (NSPE)