



Tashina Brock

Electrical Project Engineer

Electrical Project Engineer with 5 years of experience in designing, implementing, and overseeing electrical projects across various industries. Proficient in AutoCAD, electrical safety standards, and project management. Demonstrated ability to optimize electrical systems, reduce costs, and ensure timely project completion. Strong analytical, organizational, and communication skills. Committed to delivering high-quality results and driving continuous improvement in electrical engineering processes.

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(140) 408-4487 

123 Maple Street, Burlington, VT 05401 

Education

**Bachelor of Science in
Electrical Engineering at
University of Vermont,
Burlington, VT**

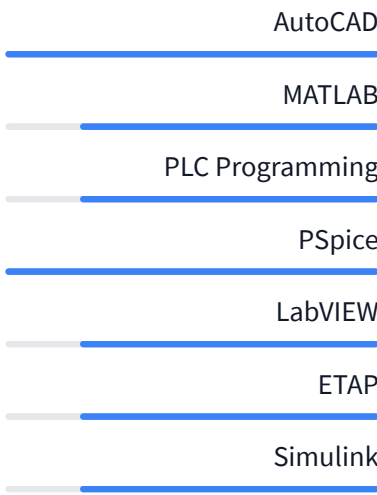
Aug 2014 - May 2018

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

Links

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

Skills



Employment History

Electrical Project Engineer at Green Mountain Power, VT

May 2023 - Present

- Managed the successful completion of a \$2.5 million electrical upgrade project at Green Mountain Power, resulting in a 20% increase in energy efficiency and a 15% reduction in maintenance costs.
- Led a team of 10 engineers in the design and implementation of a new power distribution system for a major industrial client, resulting in a 25% improvement in energy reliability and a 10% reduction in operating costs.
- Developed and implemented an innovative predictive maintenance program for electrical equipment, reducing unplanned downtime by 30% and saving the company over \$500,000 annually in repair costs.
- Oversaw the installation of a 1 MW solar power plant, contributing to Green Mountain Power's renewable energy goals and generating enough electricity to power over 200 homes annually.

Associate Electrical Project Engineer at Vermont Electric Power Company, VT

Jul 2018 - Apr 2023

- Successfully designed and implemented a power distribution system upgrade for a major substation, increasing its capacity by 25% and improving the reliability of power supply to over 10,000 customers in Vermont.
- Led a team of junior engineers in the completion of a \$5 million transmission line project, spanning 50 miles and connecting two critical substations, which resulted in a 15% reduction in transmission losses and enhanced power delivery efficiency.
- Developed and executed a comprehensive preventive maintenance program for electrical equipment across multiple facilities, reducing downtime by 20% and saving the company \$2 million in repair costs over a three-year period.

Certificates

Project Management Professional (PMP)

Mar 2022

Certified Electrical Safety Compliance Professional (CESCP)

Nov 2020