

Eunia Boulais

Electrical Engineer

Dynamic Electrical Engineer with 8 years of experience, adept at strategic leadership and innovative problem-solving. Expertise in optimizing complex systems, driving efficiency, and leading cross-functional teams to deliver high-impact results in fast-paced environments.

eunia.boulais@gmail.com 

(944) 201-9587 

Morgantown, WV 

Education

Master of Engineering in Electrical Engineering at West Virginia University

Jan 2013 - May 2017

Advanced Circuit Design, Power Systems Analysis, Digital Signal Processing, Control Systems Engineering, Electromagnetic Theory, Renewable Energy Technologies, Microelectronics, and Communication Networks.

Links

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

Skills

MATLAB



Simulink



FPGA



SCADA



IoT



Six Sigma



Lean



Languages

English



Employment History

Senior Electrical Engineer at Siemens, WV

Apr 2025 - Present

- Led a cross-functional team in the development of advanced power distribution systems, resulting in a 27% increase in energy efficiency for client projects.
- Spearheaded the implementation of a new project management framework, reducing project delivery timelines by 18% and enhancing resource allocation.
- Directed the engineering design phase for high-profile infrastructure projects, contributing to a \$3.5 million revenue increase through innovative solutions.
- Mentored and developed junior engineers, fostering a talent pipeline that improved team productivity by 22% over two years.
- Negotiated with key stakeholders to secure contracts valued at over \$15 million, strengthening Siemens' market position in renewable energy sectors.

Electrical Engineer at General Electric, WV

Mar 2022 - Mar 2025

- Spearheaded a cross-functional team of 12 engineers and technicians to redesign a power distribution system, reducing energy costs by 17% over two fiscal quarters.
- Implemented advanced predictive maintenance protocols, cutting equipment downtime by 22% and saving the company approximately \$450,000 annually in repair costs.
- Directed the integration of renewable energy solutions into existing infrastructure, which led to a 25% increase in sustainability ratings and improved compliance with new industry standards.
- Led strategic negotiations with key suppliers that resulted in a 15% reduction in component procurement costs while maintaining quality benchmarks.

Junior Electrical Engineer at Schneider Electric, WV

Feb 2017 - Feb 2022

- Spearheaded a cross-functional team of 7 in the development of an energy-efficient power distribution system, reducing operational costs by 12% over two fiscal quarters.
- Led the redesign of a critical circuit breaker component, enhancing reliability and cutting maintenance downtime by 18%, significantly boosting client satisfaction.
- Collaborated with senior engineers to implement innovative automation solutions, resulting in a 22% increase in production efficiency within six months.
- Executed strategic project roadmaps for emerging markets, contributing to a 15% revenue growth in targeted regions through improved product deployment.