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AUGUST 07, 2026

Hiring Manager
Innovative Energy Solutions
Billerica, MA
Billerica, MA 01862

Dear Hiring Manager

I am excited to submit my application for the Electrical Engineering Intern position at Innovative Energy Solutions, where your focus on crafting next-generation residential energy products aligns with my passion for electrical systems and sustainable technology, as I have cultivated an interest in renewable energy through my academic ventures and hands-on projects that have sparked my curiosity and fueled my ambition.

Throughout my academic journey at Boston University, I have developed proficiency in power conversion and firmware development, and during my recent role as an Electrical Engineering Intern, I constructed testing setups for high-voltage systems while collaborating closely with peers to enhance accuracy in electrical systems by 15%, which reinforces my belief that teamwork and persistence lead to groundbreaking results.

Moreover, my experience as a Research Assistant equipped me with skills in schematic interpretation and battery management systems, fostering my ability to adapt to complex challenges, and while I sometimes struggled with understanding intricate circuit designs, I found immense satisfaction in unraveling these puzzles and applying my knowledge to deliver effective solutions.

I resonate with your company's vision and mission, embracing the opportunity to contribute my knowledge of programming languages, like Python and C++, to empower Innovative Energy Solutions in developing market-leading energy solutions that truly impact our environment and future sustainability.

Thank you for considering my application.

Sincerely,

Joseph Chandler

Joseph Chandler