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Adrian Bishop

Radiation Effects Engineer Intern

AUGUST 07, 2026

Hiring Manager
Astranis Innovations
San Francisco, CA

Dear Hiring Manager,

I am excited to apply for the Radiation Effects Engineer Intern position at Astranis Innovations. This opportunity meets my fervent desire for challenges in hardware testing and modeling. Contributing to your innovative team means tackling real-world problems with real consequences.

Working at the University Innovation Lab, I conducted electrical testing on prototype devices. I developed effective test plans, documented results, and provided insights for design changes. Collaborating with others taught me the value of teamwork in achieving results.

I faced difficulties designing fault-tolerant circuits at times. However, I learned to adapt through simulations and mustering support from my peers. This taught me perseverance and creative problem-solving.

During my capstone project, I evaluated how radiation impacts semiconductors. Building prototypes showcased the importance of rigorous testing. Using LTSpice for analysis highlighted my ability to blend theory and practice effectively.

I have mastered essential electronics lab tools, such as oscilloscopes and multimeters. Hands-on experiences with soldering and PCB design have only fueled my passion for electrical engineering. I strive to further bridge theoretical knowledge with practical applications.

I appreciate your consideration.

Thanks,

Adrian Bishop

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