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Beau Carlson

Edge and Industrial Network Systems Research Internship

JULY 09, 2026

Hiring Manager
Innovative Tech Solutions
Princeton, NJ
08540

Dear Hiring Manager,

I am thrilled to apply for the Edge and Industrial Network Systems Research Internship at Innovative Tech Solutions, where my background intermingles with your organization's pioneering pursuits in edge computing and industrial IoT, driving innovation and enhancing operational efficiencies, while advancing my skills amidst genuinely engaging projects.

Currently pursuing my Master's in Computer Engineering, I have gained invaluable experience working on academic projects related to edge computing and versatile industrial IoT systems, revealing my commitment to engaging solutions that fuse technology with real-world applications.

At University Research Lab, I spearheaded initiatives to deliver prototypes in C# and Python, seamlessly computing tasks while collaborating dynamically within diverse teams, further translating technical jargon into actionable intelligence while enhancing channels for reliable data streams, all while learning, and occasionally stumbling, on the unexpected challenges along the way.

During my tenure in the Student Innovation Lab, I embraced a capstone project that unveiled a prototype aimed at monitoring industrial equipment; this project didn't merely highlight my programming skills but emphasized my capability to collaborate effectively, integrating various industrial data ingestion pipelines that truly underscored the essence of teamwork.

From participating in a hackathon that focused on smart city innovations, I gathered mentorship, firsthand experience with networking protocols, and the exhilarating pressure of rapid prototyping, demonstrating how I thrive under tight deadlines, delivering functioning prototypes while keeping a dash of humor alive in chaotic scenarios.

Thank you for considering my application.

Sincerely,

Beau Carlson

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