



Dean Nelson

Research Engineering Intern

AUGUST 11, 2026

Hiring Manager
Innovative Tech Solutions
State College, PA

Dear Hiring Manager,

I am excited to submit my application for the Research Engineering Intern role at Innovative Tech Solutions, a position that corresponds immensely with my evolving skills and fervent enthusiasm for technology advancement, seeking a meaningful opportunity where I can augment my educational background alongside my engineering prowess, while contributing to your distinguished team.

This part-time position captivates me as it mandates collaboration with a dynamic group, effectively designing, programming, integrating, and testing a variety of both hardware and software systems to meet project objectives, while developing informative documentation that bridges communication between various stakeholders, ultimately echoing my career aspirations of melding engineering expertise with innovative project outcomes.

Throughout my academic journey at the University of Pittsburgh, I have actively engaged in substantial projects, including leading a capstone project focused on developing a smart communication system, where our team successfully integrated RF technologies, a venture that not only sharpened my programming abilities in Python and MATLAB but also enriched my experience in presenting complex findings to diverse audiences, fostering my confidence and improving my presentation skills.

While striving to enhance my abilities, I occasionally grapple with self-doubt, particularly when faced with intricate problems during collaborative projects, yet those challenges have propelled me to seek solutions actively, learn from feedback, and consistently evolve my skills, all of which align with your company's dedication to excellence and innovation.

Ultimately, my commitment to mastering software development and my growing interest in areas such as signal processing, empower me to contribute advantageous insights that support Innovative Tech Solutions' objectives, optimistically driving the team forward while embracing the collaborative spirit you promote.

Thank you for considering my application.

Sincerely,

Dean Nelson

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Contact

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