

Adem Mcharek

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Astranis Space Technologies
San Francisco, California

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Dear Hiring Manager,

I am writing to express my strong interest in the Manufacturing Quality Engineering Intern position at Astranis Space Technologies. With a Bachelor's degree in Artificial Intelligence from Long Island University and a solid background in machine learning, deep learning, and data analysis, I am excited about the opportunity to contribute to your innovative projects.

During my tenure as an AI Research Assistant at LIU Brooklyn, I led projects incorporating advanced mathematical computations and real-time data retrieval, demonstrating my ability to translate complex concepts into practical solutions. My experience in developing a PyTorch CNN for image classification and implementing computer vision systems aligns well with the technical rigor required in the manufacturing quality engineering role.

Moreover, my leadership roles as the Founder and President of the AI Club highlight my proficiency in fostering collaborative environments and driving high-level projects. I have honed my analytical acumen through problem-solving in math Olympiads and have a solid foundation in programming languages like Python and experience with data analysis tools such as Tableau and Excel - skills that are directly applicable to the requirements at Astranis Space Technologies.

I am particularly intrigued by Astranis' mission to revolutionize energy movement and deliver last-mile electrification, and I am eager to contribute to such impactful endeavors. My passion for innovation and technical acumen make me confident that I can support your team's goals effectively.

Thank you for considering my application. I am excited about the prospect of bringing my skills and enthusiasm to Astranis Space Technologies. I look forward to the opportunity to discuss how my background aligns with the requirements of the role.

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