

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 enthusiasm for the Software Developer, Network/Payload Software Intern position at Astranis Space Technologies for Summer 2024, as advertised. With a strong educational background in Artificial Intelligence from Long Island University and hands-on experience in software development, I am excited about the opportunity to contribute to Astranis' mission of bridging the digital divide by connecting billions of individuals worldwide through innovative spacecraft technology.

During my time as an AI Research Assistant at LIU, I honed my software design and testing skills by orchestrating cutting-edge projects using advanced technologies such as AI-enabled research navigation systems and convolutional neural networks. These experiences have enabled me to personally design, write, and test software from scratch, aligning with the responsibilities of the role at Astranis.

My proficiency in programming languages such as Python, C++, and my exposure to TensorFlow and PyTorch make me well-equipped to work on software running on satellites and ground control systems at Astranis. Additionally, my dedication to continuous learning and problem-solving, as demonstrated through my participation and achievements in various national and international competitions, aligns with the innovative and challenging projects at Astranis.

I am particularly excited about the prospect of contributing to the development of software that manages satellite performance from ground stations, a responsibility that resonates with my passion for impactful technology solutions. I am eager to apply my skills in RF and signal processing, alongside my experience in real-time operating systems, to further enhance my contributions to the mission-driven work at Astranis.

I am genuinely inspired by Astranis' commitment to inclusivity and diversity in the workplace, and I am enthusiastic about the opportunity to collaborate with a team of world-class engineers who share a common goal of making a significant impact on global connectivity. I am confident that my technical skills, drive for excellence, and adaptability make me a strong candidate for this internship position.

Thank you for considering my application. I am excited about the possibility of contributing to Astranis Space Technologies and look forward to the opportunity to discuss how my background, skills, and enthusiasm align with the company's goals.

Adem Mcharek