April 2, 2018

Space Exploration Technologies Corp.
18390 NE 68th St
Redmond, WA 98052

Dear Recruiting Manager at SpaceX,

My name is Adam Ali. I am a student at the University of Washington Bothell, majoring in Computer Science & Software Engineering. I write to you to express interest in the opportunity posted under *Internship/Co-op Summer 2018*, specifically the department of *Avionics (Software)*.

When I wrote my first "Hello, World!" program, I knew what I wanted to be. I live to push boundaries and discover the unknown, to learn and evolve. In the same way, SpaceX is committed to explore and understand what lies beyond. I look up at the night sky and see an exciting realm of potential, a way to advance as a species. There is a clear sense of purpose and thrill in making our mark in the cosmos, and I believe in the power of software to drive that. I watch SpaceX live streams with pride and end with inspiration, knowing that we are capable of greatness. I desire a challenge where I can meaningfully contribute to a valuable mission with my creativity and excitement for code. I would be proud to be an Avionics Software Intern at SpaceX, to help pursue its mission of enabling humanity to explore the stars and become multi-planetary by ultimately reaching Mars.

My major is an integral part of my identity. It teaches me not only how to develop software, but also how to penetratingly analyze problems and reach creative solutions. I have learned how to thrive independently and in a team of talented peers. I have been challenged with many projects, where with each one I grew as a software engineer. This growth is characterized by an improved capacity to recover from and assess failure, mitigate risk, resolve team conflicts, achieve milestones and write better code. I succeed in my projects by being resourceful and fiercely driven, thinking strategically and collaborating well with my team. I find this package to be an ideal fit for the responsibilities outlined by SpaceX, such as handling mission critical roles and getting software off the ground.

I study a diverse set of topics at my university. These include high level data structures and algorithms, low level architecture, computer networking and software design principles. I am currently studying an exciting special topic, *Spacecraft Mission Analysis & Design*, to build a foundation in space engineering such that I can relate it to software. Meanwhile, I continue to develop my skills in industry standards. These include version control, prototyping, technical writing, Agile and Scrum guidelines, command lines and languages like C++. My favorite examples of my work are showcased at **yadoom.github.io**.

I greatly hope I get the opportunity to positively contribute to SpaceX. I look forward to a response and am eager to follow up with my application at the appropriate time.

Thank you for your consideration.

Sincerely,

Adam Ali

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