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2020 Summer Internship Application November 11, 2019

To Whom It May Concern,

I am writing to apply for SpaceX's 2020 Summer Internship. I am about to complete my third year of a combined Advanced Mathematics and Computer Science degree at the University of New South Wales. I have maintained a high distinction average throughout my studies and have recently been included on the 2019 Dean's Honours List with High Commendation for the School of Computer Science. With a desire to apply my mathematical and programming skill set to space exploration, I believe I will be an ideal candidate.

SpaceX is a world leading technology and space exploration company. Working collaboratively to attack complex problems in such a high performance environment is very appealing. I understand that this internship allows each individual to advance their knowledge of technology, and the universe. As a mathematics student with strong quantitative skills, I believe I will thrive in such an environment. I am incredibly curious about space, and the development of technology to sustain life on other planets, and how I can apply my passion for numbers and problem solving in this competitive industry. Being able to learn on the job is something I look forward to. SpaceX provides meaningful learning opportunities to highly driven and motivated students. I believe that my mathematics and computer science background allows me to learn and apply complex concepts efficiently. Further, the opportunity to work in a team with highly talented individuals is one of my main priorities. The chance to work collaboratively with like-minded individuals is a tantalising prospect.

Through my experience at the tutoring company, HSC CoWorks, I have learnt to work in a collaborative environment, particularly as a leader. I started as a Junior Coach and have since been promoted to Senior Coach where I now work as a Session Leader. The development of junior staff is my responsibility. As such I have developed my communication and interpersonal skills, being able to aid in the training of junior staff whilst maintaining a productive session for students. An important skill in any industry is being able to communicate technical jargon to those that are not experienced in your field. Through my development as a tutor I have become very successful at communicating complex mathematical topics to students that are only beginning to gain an understanding of high level mathematics. I believe such communication skills would be sought after and beneficial at SpaceX. Furthermore, my recent work at a small technology start-up has given me an appreciation not only for the requisite skills needed, but also an understanding of how to work collaboratively in a software team.

SpaceX provides a challenging opportunity through which talented students can push themselves and constantly learn in a collaborative environment. I would be pleased to be a part of it.

Warm regards,

Keegan Gyoery