

To Whom It May Concern:

I am a student at Arizona State University majoring in Mechanical Engineering, and I am writing with the intention of pursuing a Summer 2018 internship with Space Exploration Technologies. SpaceX has become a titan in the aerospace industry, rejecting the status quo and turning a stagnant and cost-ineffective industry into an extremely innovative and exciting one. I have been following SpaceX's accomplishments for years now, watching every launch and reading every article and blog post I come across. Due to the company's drive and dedication to a singular goal, I believe SpaceX is the only organization realistically capable of taking humans to Mars in the next 20 years. As both an engineer and member of the human race, I want nothing more than to be a part of that.

I believe that I make a very strong candidate for an internship position. I possess leadership experience on design projects and competitions, relevant internship experience, an ability to work well in a team, an excellent work ethic, and an overflowing passion for what SpaceX does. I'm aware that you receive applications from tens of thousands of exceptional students from across the country, but few have the background or enthusiasm that demonstrates an ability to handle the challenges that arise within such a pioneering organization.

I am currently doing a Fall internship with Masten Space Systems in Mojave, California, working on Vertical Takeoff/Vertical Landing liquid propellant rockets as well as the Broadsword 25,000lbf 3-D printed liquid engine. I also spent the Summer of 2017 at an internship with Orbital ATK in Promontory, Utah working on NASA's Space Launch System Solid Rocket Boosters. At Arizona State, I have participated in undergraduate research and I lead the solid propellant team for ASU's rocketry club, which consists of eight highly active members.

To better showcase myself as a candidate, I created a website which documents and explores more in-depth my experiences and projects through pictures, videos, and longer descriptions. If interested, the web address is [www.thomaschester.space](http://www.thomaschester.space). Thank you for taking the time to consider me as a candidate.

Respectfully,

Thomas Everett Chester