

1 Rocket Rd
Hawthorne, CA 90250

August 18, 2017

SpaceX Manufacturing and Production

Dear Sir or Madam,

I believe my skills and experience match those requested in your posting for a composites manufacturing engineer.

While leading the composite rocket airframe and cubesat structure projects for the Portland State Aerospace Society, I have:

- refined prototypes and conceptual designs into reliable, reproducible manufacturing procedures;
- designed and manufactured composite parts using prepreg and wet-layup systems;
- designed procedures and tooling to reduce production time and part defects;
- written technical procedures for other engineers, informational posters for the general public, and a [conference paper](#);
- directed projects for the rocket and cubesat, collaborating between engineering disciplines and mentoring younger students.

For more information, please visit my [website](#) and [portfolio](#) or contact me (shields6@pdx.edu). Feel free to contact Andrew Greenberg (adg@ece.pdx.edu) or Erin Schmidt (esch2@pdx.edu) as references.

I'm eager to contribute to the aerospace industry and increase the accessibility of space, so thank you for considering my application. I look forward to your response.

Sincerely,
Joe Shields