1. In **350 words or less**, please describe the type of company and internship work assignment you would prefer and why?

If accepted into the MIFP, I would be looking to be paired with a company that is looking for a student to rise to the challenge. I went into the commercial spaceflight field because I knew it would be challenging and thus, equally rewarding. I want to invest in a company that see’s the value of everyone's work and allows their interns to prove their worth.

As for the internship work, there are areas of spaceflight that fascinate me the most, rocket integration, propulsion engineering, and systems operations and optimization. Nevertheless, this is not to distract myself from the fact that my passion lays in aerospace and spaceflight, no matter what specific task I preform, if it can be seen to progress human development towards space, it will be fulfilling.

I am looking to work for a company that will have a real impact on the world, encouraging and inspiring people through allowing human spaceflight to be accessible to more than just the select few.

I chose to go into the commercial spaceflight field because I knew it would be challenging and thus, equally rewarding. My determination to work towards these goals and their alignment with this internship make me an ideal candidate.

Over my collegiate career, I have worked towards personal and academic success, not only for myself, but also those around me. A good friend of mine and I have built an engineering organization within my university that has grown to over 40 members with the focus on the development of aerospace and commercial spaceflight. As the Vice President of UNH Students for the Exploration and Development of Space, I have gained valuable experience developing and designing our hybrid rocket engine and managing the design of the vehicle architecture. In depth FEA and SOLIDWORKS has been a required to create a beautifully designed rocket. Outside of UNH SEDS, I am an Engineering Intern at TURBOCAM International where I develop data analysis software and work with 5 axis machining.

My devotion and passion for space has not wavered over the course of my life, and I can only hope that my next steps are with Matthew Isakowitz fellowship

1. Please answer **ONE** of the following essay questions in **350 words or less**:
   * What will be the next giant leap in space technology from the private sector and why?
   * You are testifying before Congress for a hearing focused on the biggest barriers for the commercial space industry. What would be your opening remarks?
   * Elon Musk, in a discussion with our 2019 Fellows, stated that starting a company is like “eating glass and staring into the abyss.” Thankfully, you have the stomach for this kind of business. What start-up idea would drive you into starting a business and why?
2. In **800 words or less,** please answer the following: Why are you excited and passionate about commercial space and your current or future role in it, and why are you a strong candidate for this Fellowship?

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**In a brief statement, in your own words, please describe why you are an ideal candidate for this position.**

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My devotion and passion for space has not wavered and I can only hope that my next steps are with The Spaceship Company.