

## THOMAS WILLIAM COLLINS

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### **To whom it may concern at Rocket Lab,**

My name is Thomas Collins and I am a senior at the University of New Hampshire studying Engineering Physics with a concentration in Aerospace and a minor in Mechanical Engineering. I wanted to reach out to you to discuss opportunities at Rocket Lab and how I might fit into your company.

Rocket Lab has been on my radar since I first visited your booth at Space Vision 2018. Since then I have watched every rocket launch with amazement and gained inspiration from your Photon kick stage and its future capability of lunar orbit. When I turn inwards and think about my own mission and capabilities, I see two distinct paths. These paths include vehicle integration and design, or a technical position within rocket propulsion. Throughout my collegiate career I have acquired experiences that can be directly related to both these paths. At TURBOCAM International, I worked on component design and quality, ensuring design specifications have been met and creating new data analysis programs to ensure quality.

Experience with respect to rocket propulsion comes from my time as Vice President of my universities rocket team. UNH SEDS is a multidisciplinary rocket organization with the goal to launch a hybrid rocket at the Spaceport America Cup competition in June of 2020. Our organization consist of 40 member and 10 devoted to the frame team which I oversee. As the Vice President and Frame lead, I manage the student body of the organization and work with every engineering team to design the best rocket frame possible. Feel free to check out our website as we constantly update it with progress on our rocket and other club activities.

Website: [unhseds.org](http://unhseds.org)

Thank you for taking the time to read this letter. I look forward to hearing back from you. If you have any questions about my resume, TURBOCAM Inc, or UNH SEDS, please reach out to me and I will be happy to elaborate.

Sincerely,  
Thomas William Collins