

## THOMAS WILLIAM COLLINS

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December 31th, 2018

**To whom it may concern,**

My name is Thomas Collins and I am a Junior at the University of New Hampshire studying Engineering Physics with a concentration in Aerospace and a minor in Mechanical Engineering. I began my Engineering Physics degree at the University of Maine, Orono, where I studied for three semesters, then transferred directly to the University of New Hampshire.

Throughout my time at the University of New Hampshire I have gained experience through;

- Working as an Undergraduate Research Assistant at Nuclear and Particle Physics Group Laboratories.
- Computer aided design and computational analysis through Mechanical Engineering Courses.
- In depth education of Physics through the Engineering Physics curriculum.
- Experience with manufacturing and analyzing structures in Students for the Exploration and Development of Space.
- Following the manufacturing process in different projects and programs.
- A strong desire to learn and teach others in STEM majors as shown in my tutoring experience through the Society of Physics Students.

To highlight one of these points; Undergraduate Research Assistant in Slifer Lab. Slifer Lab is a Nuclear Physics Lab currently working with Long lab on the polarization of ammonium through supercooling and magnetic alignment. Personally, I am assigned projects to work on independently or with a senior lab personnel. I believe this work and my education in related fields make me a good fit for your internship program.

Interning at TurboCam has always been a goal of mine for many reasons. Firstly, it is a highly praised manufacturing company located within my home state of New Hampshire. Secondly, I believe I share many of the same values that the company holds within its mission statement. Lastly, I would be a great fit within the company given its innovative and community culture.

Thank you for taking the time to review my application, I look forward to hearing back from you. If you have any questions about my Resume, Cover letter, or application please reach out to me and I will be happy to fill in any potential gaps.

Sincerely,  
Thomas William Collins