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BAE Systems
95 Canal St
Nashua, NH 03064

Dear Engineering Team,

I am a 2nd-year mechanical engineering major with a minor in physics at the University of New Hampshire (UNH). I am writing to apply for the class of 2020 mechanical engineering internship given my interest in design and manufacturing of your wide range of products. It is my aspiration to fill an engineering position. I would be thrilled at the chance to work for a company that is at the forefront of creative and unique products. To that end, I feel it crucial to highlight relevant experience and skills I have acquired that would qualify me to be part of your engineering team.

I have nearly 3 years of experience leading organizations, with my current one being an aerospace engineering organization. As co-founder and Chief Technical Officer of UNH Students for the Exploration and Development of Space (SEDS), I have developed a skill set that allows me to understand my organization members' personalities and commitments to better manage the team. Teamwork is a skill that can only be learned in practice, and having experience in engineering projects has helped me be a better communicator and team player. As head of propulsion at UNH SEDS, I gained experience in running design meetings and detailing expectations for each member in my group. In my research position this past summer through a research award, I was able to gain experience in data analysis using Python and the experience has given me a better understanding of the process of research and working under deadlines. Working outside of my academic pursuits is also crucial to my experience and skill set. I fill most of my free time with projects, including the build of an electric longboard and a rebuild of a broken moped I bought for \$10.00, to name a few.

I plan on continuing my work with UNH SEDS through the spring semester and aim to keep developing a skill set that can be directly incorporated to work at BAW Systems. I will also be taking extra classes outside of my major to achieve a minor in physics. Work culture is extremely important to productivity and I think my personality would fit perfectly in this position if given the opportunity.

Thank you for your time and consideration.

Sincerely,

Charlie Nitschelm