

Simon Gibson

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Dear Mrs. Gray,

I am currently interested in an internship that will provide challenging and in-depth experience with real world applications to Mathematics. Using Mathematics and Computer Systems to model real-world aspects has always fascinated me. Since I am still "young" in my major, I am undecided in what branch of Mathematics I would like to explore and research. I believe that in-person experience with modeling systems would allow me to further my understanding of Mathematics and create an informed opinion about my future and career. While looking at the abundance of possibilities Dynetics offers during their summer internship program, my interest was piqued by Radar Modeling and Simulation. I believe this internship would provide me the opportunity to see tremendous growth, in my studies, and in knowledge of the field. Recently I saw the NVIDIA server farm model of a Mars landing, with a supposed 9.8 billion data points updated per tick. It truly fascinated that we could model something millions of miles away with such precision.

I am currently enrolled at Rensselaer Polytechnic Institute in Troy and will complete my Bachelor of Science in Mathematics in the spring of 2024. My record of dedication to my studies, community, and Jobs, show my constant application to refining my skills. Through my jobs during High School, I gained vast experience in wildly different fields. In each of these separate fields, I not only showed great competency, but also quick learning and a drive to succeed. I participated in and lead various programs during High School which built and polished effective teamwork, leadership, and community involvement

Leadership Skills: As the Captain of Eisenhower Senior Highschool's Academic team, IKE Ignition freshmen mentor, and Head Lifeguard, I came to understand the importance of working effectively with a team and delegating work effectively, while also understanding the value learning from those around you.

Reliability and Work Ethic: In all my leadership roles and volunteer activities, I have maintained an excellent record of being on time, prepared, and eager to take on new responsibilities. I am very goal oriented and get things done in a timely manner.

Please see attached resume for a more detailed description of my skills and abilities. I look forward to speaking with you about the opportunity to intern with your company this summer. I can be reached at the above phone numbers. Please call me at your earliest convenience. Thank you for your time and consideration.

Sincerely,

Simon Gibson