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Dear hiring manager,

My name is Luke Geel, and I am writing to express my interest in blank position. Through diligent research I know that your company has opportunities in the exact type of work that I am interested in. For what I've learned from research, this company is great to work for and I would be honored to be a part of the team. I am certain that my work experience and relevant skills make me an ideal candidate for this position. I am interested in this position as I know it will give me the real-life experience that I desire but also help guide my professional development. I'm working towards becoming a data scientist once I graduate in 2023.

I'm interested in the field of data science for two reasons, my love of math and my enjoyment of problem solving. My love of math started at a very young age. When I got bored with the math I was being taught at my elementary school, I enrolled at the Russian School of Mathematics where I was a high-achieving student for 6 years. I thoroughly enjoyed RSM as I was being taught math that was challenging, and I love a good challenge. In addition to RSM, I've been a member of my schools' math teams every year since elementary school. This includes the math team at UMass where I've listened to speakers, participated in problem solving events, as well as nation-wide math competitions. My senior year of high school I was the statistician for the varsity football team where I used stats and analytical skills to analyze different plays to find the one with the highest success rate in different situations and helped the team get to the semifinals with a near undefeated season. Go Lincoln-Sudbury Warriors!

While at university, I have been able to maintain a 4.0 major gpa with a very heavy course load in order to graduate with two degrees, one in math and another in either economics or computer science (I haven't decided yet). I've made the Dean's list all semesters and I am a recipient of the Stanley Z. Koplik scholarship both years. I've taken coursework in relevant subjects that I know will help me succeed in this program including Calculus 4, probability, statistics, applied linear algebra, mathematical modelling and multiple computer science courses where I developed skills in Python, Java, R, SQL, and MATLAB. I am also a member of the snowboard club and I am the assistant treasurer for my fraternity, the Mu Epsilon chapter of Sigma Chi.

I would make a great addition to your company due to the skills I have. I am proud of my time management skills as I've been able to complete a heavy course load with great grades while participating in multiple clubs, a fraternity position, and volunteering events. I know what it's like to work in a fast-paced environment alongside a team with my 7 total years of experience at two restaurants and as a lifeguard. Finally, I thoroughly enjoy problem solving and analysis and I am currently working on an statistical analytics presentation focused on how Covid-19 affected our schools finances in my spare time with an econ major in my fraternity. I am using what I've learned in R, SQL, and statistics to find answers to questions we posed. Additionally, I completed a 12 week internship last summer at Parexel, a clinical research organization, where I was the scientific data organization intern. This internship gave me fantastic

experience working alongside a team of highly skilled individuals and great experience working, analyzing, and modelling big data.

Thank you for taking the time to consider my application and I sincerely look forward to hearing from you. My contact information is above.

Warm regards, Luke Geel

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