

Relationship

As a Graduate Teaching Assistant at the University of Manitoba, I have had the pleasure of working with many talented students. Mr. Sunwoo Baek is one of the students in my Mathematics lab sessions for Summer 2024 at the University of Manitoba. He is one of the most curious and determined students in my classroom. I have observed Mr. Sunwoo demonstrates exceptional analytical skills, a strong work ethic, and a natural curiosity for mathematics. Based on my experiences working with Mr. Sunwoo, I can confidently say he is one of the most dedicated and intellectually curious students I have encountered.

Extenuating circumstances which may have impacted the applicant's education and achievement

Mr. Sunwoo's dedication to interdisciplinary education has driven him to study chemistry, physics, and mathematics since high school. He has extensive experience in preparing for exams, which was evident through his hard work and thorough preparation for the CSAT Korean exam. What I admire most about him is his approach to self-improvement. Instead of waiting for guidance, Mr. Sunwoo actively seeks out opportunities to deepen his knowledge, such as following Coursera modules in his fields of interest. His academic excellence is further demonstrated by his impressive performance in prestigious competitions in South Korea. He had competent results in the Korean Mathematics Olympiad, earned a bronze medal in the Seoul National University of **Education's** Mathematics Competition, and won a silver medal in Sungkyunkwan University's English competition. Mr. Sunwoo is also passionate about applying his knowledge to real-world problems. He conducted a science project exploring the use of insects as a food source, focusing on mealworms and crickets for protein and nutrition bars. Moreover, he enhanced his research skills by experimenting with eco-friendly dehumidifiers made from charcoal and tangerine scraps. Mr. Sunwoo's relentless pursuit of knowledge across diverse fields including Christianity, philosophy, and entomology

combined with his innovative spirit make him an exceptional student, well-prepared to excel in academic or research endeavors.

Supportive information specific and relevant to the courses applied for that you think the university should be aware of

As a freshman at the University of Manitoba, Mr. Sunwoo is focused on business courses, particularly economics, for their practical applications. Currently, he is excelling in Mathematics for Management and Social Sciences, Supply Chain and Operation Management, Introduction to Chemistry Techniques, and Basic Statistical Analysis. He plans to continue his studies in Introduction to Microeconomics, Introduction to Macroeconomics, and Critical Thinking. His engagement in additional online courses, covering topics such as private equity, venture capital, cryptocurrency, and various business skills, has provided him with a robust foundation for your program. During the summer of 2024, I had the opportunity to work with Mr. Sunwoo. He demonstrated exceptional organization, reliability, and computer literacy. He approaches every assigned project with flexibility and enthusiasm. Based on my observations of his abilities, I am confident that he possesses the determination and intellectual capacity to excel in your program. Additionally, I would like to provide his predictive grades for the following subjects: Mathematics - A*, Further Mathematics - A*, Chemistry - A*, and Economics - A. With his strong mathematical background and interdisciplinary studies, combined with his focus on business and economics at the University of Manitoba, I firmly believe he is well-prepared for admission to the undergraduate program at Cambridge University. I highly recommend him for this opportunity.