

Karem Alsaman  
116 74st  
Brooklyn, NY 11209

January 31, 2023

Professor von Uhl  
160 Convent Avenue  
New York, NY 10031

Dear Professor von Uhl:

“If it isn’t broken, take it apart and fix it”, is my motto as an aspiring chemical engineer. As an engineer on the pre-med track, it is my responsibility to be curious, ask questions, and to be fearless. As I am on the pre-med track, I am currently working in a neurology office with doctors to gain as much experience as possible in the medical field. I plan on expanding on to this goal by taking a course next semester and getting certification as a technician in medical offices. These short-term goals are essential for me to achieve my long-term goal of becoming a doctor, specialized in neurology.

With a passion for chemistry, I realized that chemical engineering is the best path I could take to solve real-world problems related to chemistry, such as drugs, food, and fuel. These skills that I gain as an engineer will play an important role later on as a doctor, as I would need to be curious, find solutions to problems in the real world, and act upon it. Not only that, but, I can take the time after I graduate to work with my chemical engineering degree, save up a sum of money for the hefty medical school price tag, and study for the MCAT.

As a chemical engineer, though, my dream job would be in a nuclear power plant. I have always had an interest in nuclear energy and the way it works, and the efficiency of it to humans and to the environment. I believe that nuclear energy, when there isn’t a nuclear meltdown, is the safest and best alternative of energy to carbon dioxide emitting fossil fuel plants.

With a passionate heart, good intentions, and most importantly discipline, these goals that may seem impossible for some people, will be easy and even enjoyable for me, especially when I will accomplish them.

Sincerely,

Karem Alsaman, CCNY 2026, Chemical Engineering