

Amit Prajapati
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Amit Prajapati
Master's Student at WPI

Dear Juan Guzman,

I'm writing to say how much the posted position of Biochemical Products Intern at Capro-X, Inc. interests me. With a background in data science and a love for using technology to solve problems related to sustainability, I'm thrilled about the chance to support Capro-X in its goal of converting food waste and agricultural waste into sustainable biochemical products.

While my experience in chemistry or biochemical engineering may not be as extensive as that of more conventional candidates, I think my ability to think analytically, solve problems, and be proficient in Python and R programming languages can offer a special perspective to the position. I have faith in my capacity to adjust rapidly and pick up the biochemical skills needed for the internship.

As a Worcester Polytechnic Institute (WPI) Master of Data Science student, I have refined my abilities in deep learning, machine learning, and data analysis. My background as a quant intern at Fidelis Macro Global Fund and as a data analyst at Munich RE have given me the skills necessary to draw conclusions from intricate datasets, streamline workflows, and create original solutions. I've demonstrated that by applying association rules strategically, I can enhance fraud detection.

Capro-X's dedication to sustainability and innovation in the bioeconomy particularly appeals to me. I'm excited to support the company's endeavors to increase production, supply clean water, and offer carbon-negative substitutes for non-sustainable chemicals. The idea of working with a dynamic team and obtaining practical experience in analytical chemistry, organic processes, and biochemical product purification excites me.

Thank you for consideration, I hope to hear back from you

Sincerely,

Amit Prajapati