

Dear employers of 1000ML,

My name is Kihoon Choi, and I am a fourth-year Honors student specializing in Genetics at Western University. I am currently writing my thesis in the Pathology and Laboratory Medicine department, focusing on the misbehavior of native proteins in Amyotrophic Lateral Sclerosis disease.

Throughout my undergraduate experience, I had an innate curiosity to seek how concepts and theories taught in lecture settings are applied to real world examples. I explored how statistical principles were applied to investigate biological systems and found it fascinating how the interpretation of such data could result in profound results. Extracting impactful insights from a seemingly complex and pattern-less data ignited my interest in data science.

Studying genes and DNA in various life forms, I realized that the study itself is limited by the fact that there is a tremendous amount of “data” stored in our biological makeup. With such compact information, establishing the link between genetics and hereditary disease requires some implementation of neural network and machine learning. In a current data-driven society, I believe that data science has the key in finding the inefficiencies in the current systems and offers effective solutions for improvement. A career path in data science will allow me to learn and develop my skills in making significant contributions towards decision making processes and help interdisciplinary fields to understand their current data scope, and as well how they can be improved to fit their projects and business.

I am very enthusiastic to delve myself into a career in data science that has an integral aspect of machine learning. I believe this technology has the potential to bring significant changes and improvements to our current limitations. Very soon, I expect to see the use of machine learning as a critical integration to our society. For these reasons, I am quite excited to work as a data scientist and expose myself in the use of machine learning in data analytics.

I believe 1000ML offers a great start in my career path in data science. The company's core values in experience and project-based learning will not only equip me with the best

practical knowledge but also develop my critical thinking skills on applying these concepts into real world settings.

I will be relocating to Toronto in April of 2020. If possible, I wish to meet you in person, or talk over a phone call, and discuss this position in greater detail. I would more than love an opportunity to work with your company on various projects, in a setting that I am willing to expose and devote myself upon. I wish to nurture and grasp what an invaluable opportunity this job has to offer as a means to consolidate my goals towards a data scientist.

Thank you and best,

Kihoon.