

April 16th, 2023

S&P Global
22 Adelaide St W, Toronto
Toronto, Ontario

Dear Hiring Manager,

Re: Quantitative Analyst, Derivatives

S&P's reputation as one of the most respected and fastest growing institutional investors on a global scale excited me to apply for the Quantitative Analyst, Derivatives position. My deep interest in computing and finance has driven me to research ways to improve stock evaluation models, such as the Gordon Growth Model and Discounted Cash Flow through Python's machine learning packages. The fast-paced and intellectually challenging environment within S&P Global motivates me to actively improve my skillsets in computing and continuously learn the applications of investing so that I can bring a diverse perspective to S&P Global.

I am the type of person that doesn't stop until I become competent in a particular skill set and produce scalable returns. As a Data Research Analyst Intern for CKM Sports Management, I spend over 100 hours practicing Python libraries such as Matplotlib to organize my results graphically, NumPy to support large-scale arrays, and Pandas to conduct regressions. My investment has led me to discover ten new statistical relationships that directly assisted in creating new training regimes for CKM clients. My impact on the athletes demonstrated the power of computing and the difference I can make on a larger scale. As a result, I decided to pursue computer science to hone my computing skills and knowledge to equip myself with the necessary tools to better society. Thus far, with the computer science knowledge I obtained this past school term, I built a speech-to-text application using Twilio's API and React that allows individuals with hearing impairment to see what is said to them through an application. This application led to a top 5 placement in StormHacks' Hackathon.

During my time at CKM and with UBC's Analytics Department, I have also learned how to communicate effectively, as one of my main tasks was to communicate my regressions and statistically significant results to the Analytics Head Coordinator. With my constant communication, my role grew where I regularly collaborated in meetings and got a more substantial say in implementing the results into game-day strategies for the Varsity Team and draft strategies for CKM.

Without a doubt, my financial background is still limited. However, my software skills, passion for finance, dedication to learning, ambition, and ability to thrive in a fast-paced environment will allow me to succeed as a Quantitative Analyst, Derivatives for S&P Global. I would love to get an opportunity to discuss the skills I will bring to the job in more depth.

I can be contacted through my email at dkim98@student.ubc.ca.

Sincerely,

Daniel Kim