

Soft skills

There are two soft skills relating to communicating and working with others that the company seeks, which I already possess: 1. communicating with partners on products and business teams 2. the skills to deliver analysis and products to users. I believe that I am very fluent and proficient in these two soft skills. In UofT, course projects are often carried out in small groups. The experience of group projects forged my skills to communicate and work with others. Over the past 3 years, I have done over 15 group assignments that I collaborated with my teammates efficiently to achieve excellent outcomes for each project. Even though I have never worked on products with others before, but my skills to communicate and work with others are already there. The high marks for those projects are evidence that I possess the skills of communicating with partners on products and business teams. For the second skill, I have done an internship in the marketing department of a company last summer. At that time, we show our clients products details as well as up-to-date information about our company. The rating of my service satisfaction is 9 out of 10 which shows evidence of my excellent skills to deliver analysis and products to users.

Analytics skills

The company is seeking two analytic skills relating to software use and performing data analysis that I already possess: 1. fluency with SQL and Python or R for data analysis 2. solid understanding of statistical inference, experimental design and analysis. In my past 3 years of study in statistical science at UofT, I strive for excellence in every computer science and statistical science course such as CSC148, STA303. I am very fluent in using R and Python with more than 3 years of coding experience. Although I haven't done so many real-life projects using these programming languages, my skills in using this software are already very solid. I have some small projects that exist in my Github repo that can show my skills in using R and Python. For the second skill, I read a lot of statistical articles on Scopus which provided me with a solid understanding of statistical inference and experimental design. I have already had strong theoretical and practical knowledge in experimental design and analysis. My grade for STA304 and STA305 are both A+ which could show evidence of this skill.

Connection to studies

I choose to write blogs on statistical theorem and methods for professional development. By writing blogs, I actually transfer my professional knowledge into plain language that mainly to express the ideas behind the statistical theorem and methods. This is evidence to show my professional knowledge in statistical inference and experimental design. It also shows my communication skills to convey correct and informative ideas to others. I can develop SQL coding skills which are also required from the job ad. I could learn it on Coursera and get a MySQL Certification to accumulate the evidence to be ready for a similar job ad.