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Ms. Martha Brooke  
Founder and Chief Customer Experience Analyst  
Interaction Metrics  
107 S.E. Washington St. 3162  
Portland, OR, 97214

Dear Ms. Brooke,

I am applying for the position of Customer Experience Analyst at Interaction Metrics. My qualifications for this position include my formal education, work experience, and personal interests.

Over five years ago I participated in Carleton College's Summer Quantitative Reasoning Institute. This experience introduced me to the realm of data analysis. I learned not only how to manage, manipulate, and analyze data, but also the universality of these particular skills. The program was pivotal in my life as it sparked an interest in data science that persists to this day.

Focusing on academics, my coursework as a mathematics and economics major at Reed College challenged my analytical skills. At Reed, I also learned firsthand the importance of communicating and working collaboratively. In doing so, I created, edited, and presented a number of reports that drew upon my data-related expertise. These instances gave me opportunities to take initiative, lead by example, and exceed expectations normally associated with economic research. My work as an economic research assistant utilized these skills and extended my practice in data research.

A personal study I undertook my senior year at Reed College for Behavioral Economics best exemplifies my skillset and work ethic. As part of the course load, I designed, implemented, and analyzed a behavioral experiment. In doing so, I personally created a survey with Google Sheets. Following this, I and two other colleagues ran the study. Once we gathered enough participants, I advised the statistical and written analysis of the study, resulting in a final presentation detailing the experiment and its results. From this experience, I further expanded my ability to design, implement, and analyze an experiment, along with working collaboratively. I also learned the importance of being proactive, delegating tasks, and stepping up to ensure a standard of quality.

Since graduating Reed College, I have continued to practice and widen my analytical skills. In doing so, I have explored and generally expanded the dataset used for my senior thesis. As part of this, I have utilized advanced data wrangling and visualization techniques in R, in addition to cultivating new skills, most notably through learning SQL. I have also continued to use my data analysis skills by reanalyzing the statistics collected for my aforementioned Behavioral Economics project. In doing so, I have preserved and fine-tuned my analytical skills.

Thank you for your time and consideration.

Sincerely,

Samuel Olson