Dear to Whomever this concerns,

I am currently a Senior at St. Lawrence University; I plan on completing a Bachelor of Science in Data Science.

While at St Lawrence, my classes have concentrated on mathematics, statistics, computer and data science, where I have worked on several projects. One project, using JAVA, utilized user height, weight and free time to develop a caloric intake to meet body weight goals. Similarly, using JAVA and personal goals, I designed a workout program to match daily caloric intake. Another, where I utilized R/R-studio to analyze the prices of Honda CRV's and how mileage and age pose an impact, as well as other given predictors. In this project, I produced several models to compare using formal and F-nested hypothesis test to find the best model for the problem. More recently, I have completed a Data Science project about the IMDb rating on the show Breaking Bad, where I analyzed the all the seasons in the series, total episodes overall, and the season finales with the ratings using the ggplot2 package to create visualizations of the data, as well as the dplyr package to filter the data. Another project, involving Database systems, where I used Visual Paradigm developed an Entity-Relation Diagram that map a database for IMDB's non-commercial datasets, including information like names of movies, actors/actresses, directors, writers, along with detail-specific attributes. The goal is to construct an Entity-Relationship (ER) model using Visual Paradigm, then constructing the database using DataGrip.

Perhaps it is bold of me to say, but I am trustworthy, have an excellent work ethic, and during school projects, have been both a leader and team player. I also hold these same traits for both in and out school. From 2017 to 2020, I worked as a light and sound technician initially as a worker and then as both a worker and planner and strategist, interacting with clients to meet their needs for their events. From 2020-2022, I worked outside first as a landscape worker and then as a foreman. I was tasked with planning projects, budgeting and purchasing materials needed for multiple sites each day. Then during the summer of 2023, I utilized RStudio to conduct research and tests, employing descriptive statistics and hypothesis testing to investigate the impact of patient characteristics on systolic pressures across Brachial Long, Radial Short, and Radial Long artery groups. In addition to summer 2023, I also shadowed the BERDI Core at Lifespan Hospital, where I engaged in weekly Microsoft Teams meetings for comprehensive project discussions and oversight of the entire research process, collaborating closely with researchers on various tasks and projects. My interest and enjoyment in statistics and data science continues to grow. I would appreciate it if you would review my resume and consider me for a position. I am available to speak if you want.

Thank you for your time and consideration.

Matthew Maslow