Dear Talent Recruiting Team at Plaid:

I am currently a Data Engineering Intern at Albertsons and have recently finished a bachelor's degree in statistics from U.C. Davis. The Data Analyst opening at Plaid excites me because of my desire to work with large data and leverage large data to find solutions to complex issues. Not only does working with data excite me but also Plaid's mission to democratize financial services by helping create more customer friendly applications.

At Albertsons I work as a data engineer where I query Oracle and Teradata Databases to find discrepancies between them in their customer identification. Albertson's has multiple databases that contains customer information such as emails and transaction history. As a data engineer I make queries joining the databases to not only monitor the structure and integrity of the databases but to also clean the data so that the business and marketing teams can easily conduct analysis on the database. Conducting queries and cleaning databases in a professional environment will allow me to better understand how Plaid's databases operate amongst one another and provides me with the ability to understand and extract data from the databases independently.

During my final quarter at U.C. Davis I worked on a project to classify crop fields in Yolo County. My group and I had zero previous experience with geospatial engineering and over the course of 10 weeks we managed to use geospatial analysis and image classification to accurately predict 90% of crop fields in Yolo County. During the quarter I read multiple books on geospatial classification where researchers use K-Nearest Neighbors, Neural Networks, and Random Forests to classify objects in satellite images. This project demonstrated my ability to adapt to a new field of study and construct a successful analysis in limited time which will provide me with experience on how to better understand transaction and financial data uses by the Data Science teams at Plaid.

Due to my history working as a data engineering intern and studying statistics for four years I have the skills needed to excel as a data analyst. These opportunities have provided me with the ability to gain a working knowledge of database structures and conducting queries and cleaning databases. I have also had the opportunity to work with data and gain a formal understanding of statistical and machine learning theory while in school. These two abilities will allow me to become a contributing member at Plaid and construct machine learning models to help construct stories that will help the sales and business teams at Plaid.

Thank You,
Ryan Brady