Major: Statistics

I am determined to major in Statistics at Purdue, and more specifically, I anticipate studying the correlation between Statistics and Engineering or other related disciplines that would allow me to apply abstract theories to real-life practices.

As a globally renowned university, Purdue first attracted me with its wide range of course offerings, especially in areas of statistics, mathematics, and engineering. For instance, I look forward to systematically absorbing advanced statistics knowledge by taking courses like STAT 35500: *Statistics for Data Science*, STAT 41700: *Statistical Theory*, and so on. I am confident about establishing a solid knowledge foundation in interdisciplinary fields, including Data Science, Machine Learning, and Computational Statistics.

Beyond the classroom, I am also impressed by Purdue’s prominent faculties and the strong support for undergraduate students to engage in diverse research experiences. As I carefully browsed the Statistics Department’s official website, I was thrilled to find out about Professor William S. Cleveland. His research interests mainly lie in machine learning and high-performance computing for deep data analysis, which perfectly matches my academic interests. If given the chance to follow in the footsteps of such extraordinary scholars at Purdue, I believe I will strive for academic excellence in the near future.

Lastly, I am eager to join the Data Mine Community and participate in various activities to interact with like-minded peers from diverse backgrounds. We will seize the opportunity to exchange innovative ideas and solve real-world issues by applying theoretical knowledge, which will benefit me in my future career pursuit.