Statement of Academic Purpose

My decision to pursue post-graduation in the field of data science came naturally with the set of skills that I possess coupled with my area of interest and academic background. To illustrate this, there are many instances in my life that supports my claim but will brief out a few such instances.

In the first and second year of my undergraduate years, exposure to Data Structures and Algorithms, Machine learning and System programming further ignited my ambition for a career in data science. This exposure resulted in starting a college venture called MyBookShelf.co.in which helped students to sell and buy books on the campus from their seniors. My junior year project semester, I was fortunate enough for an internship opportunity at LnT Infotech, where the significance of huge amount of data.

To strengthen my claim, I have also enrolled for a Coursera specialization in Data Science, offered by Johns Hopkins University. This consists of courses such as R Programming, Data Analysis, and Machine Learning and is trained by Professors Jeff Leek (PhD) and Roger D. Peng (PhD).

NYU’s CDS is home to some of the best data science research in the world. The collaborative and inclusive environment prevalent will be conducive to nurturing my talents and fulfilling my career aspirations. I am intent on studying state-of-the-art analytical algorithms and methods and strengthening my analytical skills- ultimately becoming an expert in the field. I also hope to expand my academic and peer networks, and enhance my decision making, communication, and leadership skills. Post completion of my MS, I wish to undertake research. I am especially interested in contributing to and expanding Dr. Cristina Savin’s research on understanding how individual neuron plasticity contributes to brain function and flexibility using probabilistic models and machine learning algorithms.