

Abbavaram Susmitha

The pandemic has made each one of us realize how technology made access to information so simple. I have personally experienced how data has enabled our lives, especially in health care during the past couple of years. Conducting a controlled lockdown while people are still working from their homes was only possible because of how science progressed itself and still does everyday. All of this intrigues me even more to pursue my interest in Data Science and hence create a positive impact on our lives. With this, I would like to introduce myself as a prospective graduate student seeking out to extend my academics by pursuing a Masters program in Data Science from “University of New Haven”

I have always been a curious child and my love for Mathematics and Science was obvious. I still remember a guest lecture at my high school exploring various career options which influenced me greatly when I learnt how unusual insights can be obtained from the right kind of analysis of the data - offering a free diaper on a beer apparently boosted a particular company’s sales which sounded illogical on the face of it but worked out because the sales data from the past indicated otherwise.

I have continued to explore more in the field of Data Science during my Bachelor of Commerce in Specialization of Computers. Freshman year taught me how simple tools like MS Excel can provide wonderful insights. Database Management Systems course in sophomore year taught me the principles of storing data and its limitations. I had the opportunity to study courses like Data Analytics and Artificial Intelligence which reflects my preserved interest. Other courses in computer science and learning programming languages (Python) along with the above mentioned ones helped me get a holistic approach to Data Science.

Applying the concepts I have learned through my coursework, my academic projects aimed at solving real world problems. Classification of restaurant reviews based on the sentiment(positive/ negative) was one among them which received a high acclaim in my class. I would also like to highlight that I have achieved admirable grades in my undergraduate courses reflecting my passion, leading me to be more inquisitive and seek opportunities to get a deeper understanding of these subjects.

I have chosen the path of Business Analytics In Master of Business Administration to enhance management and business skills as well. In this world, an enormous amount of data is being generated which is in raw format, so to analyze the data and convert raw data into clean data we need tools, statistics which maybe want to derive meaningful insights from data by performing mathematical computations theory. During the second year of my graduate study, as a part of the final year project I

have done a project on Big Data Analytics. I have striven to develop a clear understanding of the fundamental concepts and acquire an insight into data science. Areas of interest within my major course Python, Excel, packages like MS Office, databases like SQL

Post my graduation, I have worked as a Data Analyst at Devirsa where we combine data, advanced analytics and human expertise to help customers drive healthcare and human health forward. Together with the companies that we serve, we are enabling a more modern, efficient and effective healthcare system, creating breakthrough solutions that transforms not just the business but also the patient outcomes. My role here requires an expertise of using generic enterprise software -(Health care application) to build customized solutions. Bringing back my thoughts around how more valuable technology is in our current situation with COVID breakthrough, I was able to witness how the right data and technology transforms healthcare for good.

Stitching up my interests, undergraduate curriculum and my work experience together, it only makes more sense for me to pursue my interests further. The graduate program offered at “University of New Haven” will help me execute my goal of improving decision making in all walks of our lives via the unparalleled scientific progress in the Data Science. Through my coursework, I look forward to acquire all the skills essential for the industry and use it on real data at a large scale to eventually make the world a better place.

I believe that my leadership qualities, creative thinking, ability to adapt, and knowledge of applying my skills will help me comprehend my goals. I thank you for giving me this opportunity to express myself through this statement. I assure you of my unrelenting commitment to the program and will work dedicatedly to achieve the goals set for me.

Thanking you,

Abbavaram Susmitha.