

STATEMENT OF PURPOSE

Mark Twain, the famous American author and humorist stated that *“To succeed in life, you need two things: ignorance and confidence”*. I have helped true with Mark Twain since my school days and possess a child like quality of ignorance and thus seek answers to the many questions. At the same time, I have the confidence to face any challenge, and this has taken me closer to success. It is only when we don't know that we need to have the humility and courage to seek answers. I have striven hard to develop this quality in life and found that the best way to learn is to seek out solutions and answers. My passion is engineering and business and hope to build on the skills I have garnered via the BE from Fr. Conceicao Rodrigues College of Engineering in Electronics and Telecommunications Engineering.

After high school, I opted for the Electronics and Telecommunications program since it encompasses both, knowledge of hardware and software. The BE thus laid the ground for my penchant to work in a field that encompasses both, my interest in Engineering and my passion for business. I believe that the BE has provided a strong foundation in technology. I now aspire to develop my ability to use this technology further my managing the information systems and make businesses prosper due to an efficient system of information collection and disbursement. My interests in the immediate future pertain to pursuing graduate education in Business Analytics.

One of the best things about studying in India is the focus given to Mathematics. I am no stranger to developing a love for the course, liking everything, right from simple probability and statistics in the 8th grade to the higher algebra and calculus in the 12th grade and even in the BE. The idea of making predictions on the basis of probability and stochastic processes and use of statistics for data analyzing further nurtured my interest. Thus, in the BE, I enjoyed studying Applied Mathematics and developed a particular predilection for probability and multivariate statistics, stochastic processes, integral calculus and mathematical (real and complex) analysis. Besides these skills, I have developed excellent communication and presentation skills.

But my absolute attention was held by SQL, which I opted to take as an extra course. I enjoyed studying about the efficient handling and management of large amount of data. The practice of working with real life examples in the lab sessions instigated me to think analysis from the viewpoint of an organization. The different queries that I handled in the class helped me explore the different ways in which a problem can be solved by tinkering and making modifications to the current algorithms for writing more efficient queries. I knew that I had found my calling and wish to pursue a Master's degree in Business Analytics.

The objective of pursuing graduate studies in Business Analytics is to enable me to explore the dynamic field of big data analytics, predictive analytics and machine learning in depth so as to create stories from an intricate mosaic of data. I enjoy the concepts of probability and its idea as a whole- that everything is based upon a chance. In the future, I see myself as a professional analyst who would like to apply this idea to design structured methods by incorporating cutting-edge methodologies and sophisticated tools in order to evaluate and hedge the risk. I also aspire to bring innovations or to make the current processes reliable to help expand businesses by predictions and analysis.

As part of my undergraduate engineering training, I worked on a project entitled “Active Noise Cancellation”. This experience allowed me to understand the intricacies involved in handling a project along with its technical challenges, programming requirements. As a consequence of this project, I was able to gain skills related to teamwork and collaborative research along with a complete overview of selecting the appropriate values of filter coefficients and developing efficient algorithm to gain high performance. Further, it helped me develop my management skills and leadership qualities. I also became proficient in delivering technically sound presentations while keeping in mind the audience that needed to be addressed.

In addition to academics, I enjoy elocution and debating and have participated in several events during my time in high school. I am also an avid sports person and play Football at the school and college level. As an altruistic person, an active volunteer for Art of Living which is an international NGO, in which I participated and managed various social activities such as cleanliness drive, food distribution, awareness drives etc. I am a part of the Rotaract Club of Panvel Industrial Town community as volunteer. I participated in many social activities such as blood donation camps, food distribution, humanitarian projects etc. These activities have honed my interpersonal skills and have allowed me to be better able to prepared to handle the rigors of studying in the University of Arizona.

I am one of those candidates who aspire to fulfill my career goals of becoming a successful professional and entrepreneur with a graduate degree. At this stage of my career, I strongly believe that I am in a position to undertake this major step toward advancing my career.

I am confident that with the skills, knowledge and academic training that I have, I will be able to make a positive impression on your graduate assistant program. I also look forward to interacting with the diverse student body to make this a memorable once-in-a-lifetime opportunity.

Rohan Chaudhari
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