Statement of Purpose

Pesala Ravi Kumar - Dec 10, 1998

The world is rapidly moving towards making life luxurious. It has been possible due to revolutions in the field of computer science. New programmes and automation happen every day, replacing human effort and providing personalised solutions. Data Science and Artificial Intelligence are significant contributors to these achievements. Having been the recipient of such luxuries and enthralled with the numerous opportunities that can be tapped upon, I wish to pursue a career in these lines. I found a profound liking towards algorithms, data structures and their background processes. These, when incorporated into machine learning, led me to explore data science and AI to a greater extent. Finding it challenging, I decided to pursue my master's in the same line, take up challenging processes, and provide a befitting solution.

Hard work and perseverance gained me admission at the Sathyabama University in the Department of Computer Science Engineering. The University provided me with the right ambience to promote my skills in emerging technologies such as machine learning and Python, to name a few. The curriculum allowed me to opt for multiple electives, thereby giving me a vast exposure in several areas of computer science. I owe my learning to the erudite team of scholars and the management for helping me through the entire period at the University.

It is equally important to have hands-on experience on the concepts learnt theoretically. Thus, I ensured to make the best use of the opportunities I got and enrolled myself with various projects and internships. My first project was titled Classification and Clustering of Model. As the name suggests, the project focussed on classifying existing students, numeric data such as exam marks, and clustering them into respective categories. The data is then used to predict the approximate test score for the next exam. To expand my horizons in the realm of Data Science, I undertook two projects titled Bike Renting Based on Seasonal Settings and Customer Transaction Prediction. However, both projects had a similar requirement of predicting the outcome based on earlier data, the method of approach differed and gave a thoroughly exciting experience. My interests were kindled towards Deep Learning, and I used the knowledge gained to develop an efficient hybrid sentiment multi label text classification system.

Apart from computer science, I am an avid sportsperson and love to participate in any sport actively. I am a champion in athletics, an ardent cricket player and take pride in being an all-rounder of the cricket team. I have also taken part in several workshops, clubs, and competitions held at the University. The advantage of participation in such events is that it helps one develop

their interpersonal skills, such as teamwork, analysing various opinions, and time management. Tech events such as National Conference on Data Science and IPR workshops on ML provided a great stance to understand the subject better.

Another stepping-stone in my career happened when I took my education to the next level and began work as a professional in Cognizant Technological Solutions and L&T. The new roles and responsibilities helped me gain insight to approach various problems and work towards meeting the demands in the best possible way.

University of New Haven provides course work in Computer Science that suit my requirements. The Institution is reputed for its advanced research project. With able professors to bolster upon and sophisticated laboratories to work on, I am sure to excel in my course work. The Institute is also known for its cultural diversity. Being a person who has been in a diversified society, this is another aspect that I much appreciate. I find the University is the ideal place for me to reach my goals, improve my skill sets, and above all, mould me into a refined human being.