SOP FOR MSC INDATA SCIENCE AND ANALYTICS

I Haritha Chalil, D/o.Mr.Gopinathan, Chalil House, Pazhamalloor PO, Resides in the city of Malappuram, Kerala, India. I am here to introduce myself and also my Intention to study abroad. I hold my Under-Graduate degree in B.Sc. Computer Science which I had completed in the period of 2011-2014 from the Calicut University, Kerala. After my graduation; I got an opportunity to work with Tech Mahindra Pvt.Ltd, Bangalore as Support Engineer from July 17th 2014 onwards.

Why I need a Master study?

The utility of data science and analytics and its vast scope for practical application in all areas of industry and technology has made it my dream choice for further studies as well as the ideal career option. It was primarily my interest and acumen in both Computer Science and Coding from as early as the 10th grade that led me to pursue my under graduate degree in Computer Science.I wanted to expand my logical faculties and reasoning abilities.I excelled in programming concepts such as Computer Programming, Data Structures and Algorithms, and Programming Language Concepts. Another subject that I developed a strong foundation in is Database Management Systems. I believe that my studies in these subjects will prove extremely useful as I further my education in Data Science and Analytics.

Why MSc Data Science and Analytics? How the course will help me in my future?

There has been a rise in demand for data scientists in India as companies have been adapting to new technologies to analyse and to draw meaningful insights. Data Science is an attractive career option these days. Almost in every sector such as IT, Telecom, manufacturing, finance and insurance, demand for data scientist has emerged. With high-level digitization of processes, the generation of data is at peak and thus data science technology and tools are deployed to drive more productivity across organizations. This tech-field as a whole has a bunch of perks to provide including technologies for Big Data, Data Mining, Machine Learning, Data Analysis, and Data Analytics. India is a fast developing economy, where healthcare, automotive, software development and E-Commerce companies require data scientists as these companies analyze huge amounts of data every day. The opportunities are wide open and I wanted to become a data Scientist in future. India is one of the biggest hubs of IT industry, where major IT parks of Hyderabad, Bangalore, Kochi and Trivandrum are employing a good number of Data Analysts and those who have trained internationally, will get placed easily.

Why United Kingdom?

The United Kingdom offers facilitated laboratories and promising faculties which provides a more practical oriented academic curriculum. Moreover, UK Universities provides exposure to interact with international research scholars and experts in the field of data science and analytics. This will also give me new exposure and experience which will prove to be beneficial for my personal and professional development. The Master study tailored with a one-year work placement in a highly professional and stimulating environment of UK will mould the student to be a rewarding professional in the field of Data Science. While working as a full-time employee in the industry will allow me to get the industrial

experience by applying the skills that I have learned and also provide me the opportunity to learn new skills that can't be taught at the university.

Why I selected Hertfordshire University?

When I searched for my options in specialization; I found that the Hertfordshire University ranked among the best in UK for Teaching Excellence and also provides an excellent Master program in Data Science and Analytics. The BCI accredited master degree awarded by Hertfordshire University is one of the most reputed qualifications in the world. Also the University is offering masters at affordable cost when compared to other universities around the world. The core modules included in the Masters program introduces students to the various areas of data mining, neural network and machine learning. The course provided by industry experts along with 24 X 7 learning resource centre, computer work stations, Wi-Fi access, study net and online study environment provided by the University of Hertfordshire gives an outstanding learning environment. The excellent feedback from the senior students reveals that the university provides the best academics through excellent lectures using industry standard software facilities, seminars, and tutorials. One-year work placement will stimulate the industrial practice of the students making them more advanced professionals in the field of Data Science to compete with the fast growing technological revolution.

My future plans?

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My immediate plan after the MS degree is to pursue an opportunity as a Data Analyst. I'm looking to utilize all resources to enhance my knowledge and expertise in the subject. I hope to use the opportunity to stay up-to-date on the latest advances in the field and make attempts to contribute to the same. I also plan to study different algorithms in-depth and learn how to improve upon them and develop them further. The MS Degree in Data Science and Data Analytics will facilitate my progression and take me closer to my ultimate goal of becoming a Data Analytics leader and expert.

I have a great family who supports and encourages me for my further studies in the UK. I am financially supported by my parents who have sufficient income to back my expense in the UK. I am confident that my academic records and practical knowledge combined with my eagerness exhibits the zeal required to pursue an MSc in Data Science and Analytics with a year in industry.
I hope the committee shares my confidence and enthusiasm and renders a favourable reply to my application.

Haritha Chalil