

Motivation Letter

I am Md Saidul Islam, completed a bachelor's degree with a major in Software Engineering from Daffodil International University, Dhaka, Bangladesh.

I have attended a few seminars and webinars about Artificial Intelligence that plant a seed of inclination towards Data Science. From then, I read a lot of research articles, a couple of books, and online resources on Machine Learning, Deep Learning, Computer Vision, Image Processing. Each time, I get overwhelmed by the applications of Data Science on every aspect of human life. Later, I realize that all the enchantments behind my earlier day's proclivity towards Science Fiction, Artificial Intelligence is actually the key factor, that makes me truly intrigued to explore it further.

My undergraduate studies have enlightened me with excellent command in the fundamental area of Computer Science. I find Programming Languages, Data Structure and Algorithms, Statistics and Probabilities, Discrete Mathematics, Artificial Intelligence, Computer Illustrations, Neural Network, and Fuzzy Logic very interesting. In the meantime, reading the book "Deep Learning" by Ian Goodfellow, Yoshua Bengio, and Aaron Courville and "Digital Image processing" by Rafael C. Gonzalez and Richard E. Woods pushed me to see the genuine capability of Computer Science and Engineering in reality.

I do my thesis on task scheduling for cloud computing where I present a priority-based scheduling algorithm by prioritizing the bandwidth, task length, CPU usage, and memory usage respectively to schedule the task in cloud infrastructure efficiently. In my undergraduate studies, I have developed a couple of web projects "Tele Doctor" and "Complain Box", a project with C, and a few machine learning projects like Human activity recognition, Face recognition, Stock market prediction, Titanic data analysis, and a couple of Data Analysis project. I have a strong command in programming languages like C, C#, Python, structural query language SQL, Data Analysis, and Machine learning libraries like Numpy, Pandas, Seaborn, Matplotlib, Tensorflow.

I expect to do an MSc in Information Technology now, and I would like to line that up with a Ph.D. I may want to return to my country at the end of my studies, join me as a research scientist, and contribute to the development of my country's research territory. I am profoundly indebted to my country and I believe that I will repay an infinitesimal fraction of my debt by being truthful and accountable to the citizens of my country and nation. I have a strong conviction that seeking a Master's of Science in Information Technology will fill in as an extension to seek after my aspiration.

Finland is considered one of the best educational destination in terms of quality of education, world-class research, and highly qualified faculties in the world. The University of Eastern Finland is presumed to be an extraordinary doctoral-level college in Finland. Due to the fact that the University of Eastern Finland is a prestigious place to admit to, I would like to consider myself as a commendable possibility for my commitment, experience, and enthusiasm to direct research as well as professionalism.

For the program, Information Technology is addressed the top trending areas of computer science for instance Artificial Intelligence, Pattern Recognition, Research Methods in Computer Science, Design and Analysis of Algorithms that I want to dig in deeper. And hence my first choice for higher study at the University of Eastern Finland is as I believe I can gather knowledge of modern technologies and research activities from here. In addition, this university is arranged in the heart of Joensuu and Kuopio city, finding it all the more interesting.

A decade from today, I believe myself to be an individual, working in an all-around reputed association, moreover exploring my capabilities for research and improving a future for the accompanying age to come. I do acknowledge that under the direction of significantly capable mentors of the University of Eastern Finland, I will have the opportunities to reach my objective and I am highly anticipating that.