

# Mir Nafis Sharear Shopnil

London, United Kingdom

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## Summary

I am currently pursuing a Master of Science in Artificial Intelligence in Computer Vision and Robotics at the Queen Mary University of London. My skills include proficiency in Python, C/C++, C#, JAVA, SQL, GoLang, R, and various packages such as Pandas, NumPy, PyTorch, TensorFlow, Scikit-learn, XGBoost, BERT, LSTM, Matplotlib, and Seaborn. I have conducted independent research and participated in hackathons and programming competitions. In my professional experience, I have worked as a team member at Leon Restaurant in the United Kingdom and completed a 3-month internship at Leaping Boundaries Foundation in Bangladesh, where I developed and implemented strategies to increase engagement and reach on social media platforms.

## Skills

<b>Tools</b>	Python, C/C++, C#, JAVA, SQL, GoLang, R
<b>Packages</b>	Pandas, NumPy, PyTorch, TensorFlow, Scikit-learn, XGBoost, BERT, LSTM, Matplotlib, Seaborn
<b>Applications</b>	Classification, Regression, Clustering, Image classification, Object detection, Image captioning, Sentiment analysis, Text classification
<b>Languages</b>	Bangla (Native), English (Advance), Hindi (Speaking)

## Education

### Queen Mary University of London

London, United Kingdom

MSC. IN ARTIFICIAL INTELLIGENCE

Sept. 2022 - Sept. 2023

- This program focuses on the application of machine learning and artificial intelligence techniques to the fields of computer vision and robotics, with a particular emphasis on deep learning and neural networks.
- Coursework includes topics such as image and video analysis, robotics systems, machine learning algorithms, and natural language processing.
- This program is providing me with a strong foundation in the theories and practices of artificial intelligence and machine learning, as well as practical skills in implementing and applying these techniques to real-world problems.

### BRAC University

Dhaka, Bangladesh

BSC. IN COMPUTER SCIENCE

Jan. 2017 - Nov. 2021

- Conducted independent research on the topic of "Demystifying Black-box Learning Models of Rumor Detection from Social Media Posts." Resulting thesis was published in the 2021 IEEE 12th (UEMCON).
- Coursework included topics such as algorithms, data structures, computer systems, programming languages, and database systems, providing a strong foundation in the fundamentals of computer science.
- Participated in various hackathons and programming competitions, demonstrating my ability to apply my skills and knowledge to solve complex problems under time pressure.
- Developed excellent problem-solving skills and the ability to work independently and as part of a team through course projects and team-based learning experiences.

## Experience

### SSP Group plc

London, United Kingdom

TEAM MEMBER

Oct. 2022 - Present

- Contributed as a team member at Leon Restaurant in the United Kingdom, providing excellent customer service and support to the front-of-house team.
- Assisted with a variety of tasks, including taking orders, serving food and drinks, handling cash transactions, and maintaining a clean and organized dining area.
- Demonstrated strong communication skills and the ability to work effectively as part of a team, consistently meeting and exceeding customer expectations.
- Contributed to the successful operation of the restaurant by consistently adhering to food safety regulations and providing efficient service to customers.
- Worked flexible shifts and took on additional responsibilities as needed to support the needs of the business.

## Leaping Boundaries

Dhaka, Bangladesh

INTERN

Sept. 2018 - May. 2019

- Completed a 3-month internship at Leaping Boundaries Foundation in Bangladesh, a non-profit organization dedicated to upholding the rights of marginalized communities with a focus on women and girls.
- Developed a cross-channel social media platform to engage different segments on Facebook and Instagram, using Photoshop and Illustrator to create visually appealing content.
- Moderated content to ensure all engagement with our brand was appropriate and amplified our message.
- Contributed to the development and implementation of strategies to increase engagement and reach on social media platforms.
- Demonstrated strong communication skills, attention to detail, and the ability to work effectively as part of a team.

## Personal Project

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### Demystifying Black-Box Learning Models of Rumor Detection from Social Media Post

UNDERGRADUATE THESIS

- Utilized TF-IDF vectorization to process and analyze tweets from datasets.
- Implemented and fine-tuned five different machine learning models (SVM, XGBoost, Random Forest, Extra-Trees Classifier, Decision Tree Classifier) to predict the presence of rumors in social media posts, and charted the results.
- Developed a hybrid model by combining the aforementioned models and fine-tuned it for improved performance and comparison with previous results.
- Implemented and compared the performance of two deep learning models (LSTM and BERT) to previous results.

## Extracurricular Activity

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### BRAC University ; Dhaka Residential Model College

Dhaka

EXECUTIVE MEMBER IN DHAKA RESIDENTIAL MODEL COLLEGE ; GENERAL MEMBER IN BRAC UNIVERSITY FLIM CLUB

2014-2020

- Organized "Introview" (Fresher Orientation) for Summer 2017.
- Successfully planned and executed the DRMCSC 9th National Science Carnival 2016.
- Designed and created a working quizzing buzzer for a quizzing event.
- Organized the 3rd Property Lift National Language Festival for Remian's Language Club.