

Md Faraz Kabir Khan

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EDUCATION

THE UNIVERSITY OF WESTERN AUSTRALIA

MASTER OF INFORMATION TECHNOLOGY

Perth, Australia | Feb 2024 - Present

AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

B.Sc. IN COMPUTER SCIENCE AND ENGINEERING

Dhaka, Bangladesh | Apr 2017 - Jan 2022

- CGPA: 3.36 / 4.00 (3.64 in the last two years)

WORK EXPERIENCE

RESEARCH | WITH DR. AZAD

Jouf University, Saudi Arabia (Remote) | Jan 2023 – Jan 2024

- Engaged in two research projects: “RTSMM: A Robust Tree-based Stacking Machine Learning Model for the Prediction of Obesity in Adulthood” and “Early Detection of Chronic Kidney Diseases Based on Fine-Tuning Deep Learning Models.”
- Performed in-depth data analysis and visualization, applied various data processing techniques, implemented cutting-edge machine learning and deep learning methodologies, and actively contributed to article writing.

CIRCUIT MAESTERS | DEPUTY LEADER, AI GROUP

Dhaka, Bangladesh | Oct 2019 – Jul 2022

- Researched and co-designed the software architecture for the autonomous formula racing car.
- Supervised the data engineering process, collaborated with the team to create a distinctive dataset of cones for the perception system.

BITECHX | SENIOR FRONT-END WEB DEVELOPER (PART-TIME)

Delaware, USA (Remote) | Jan 2019 – Jul 2021

- Developed Encore-based theme-variant for the Kajabi platform, which was one of the top-selling products/services.
- Converted numerous designs to webpages using platforms such as WordPress, Shopify, ClickFunnels, and coding from scratch.

PUBLICATION

- “Book Cover Synthesis from the Summary”, Emdadul Haque, Md. Faraz Kabir Khan, Mohammad Imrul Jubair, Jarin Anjum, Abrar Zahir Niloy, In 2022 IEEE/ACS 19th International Conference on Computer Systems and Applications (AICCSA).

AWARDS & RECOGNITION

FINALIST | ROBI DATATHON 2.0

Category: Data Science | 2022

- Analyzed over 50 million data and conducted data cleaning, visualization, and quality assessment.

TOP-5 | INTERNATIONAL CONFERENCE ON 4TH INDUSTRIAL REVOLUTION

Category: Industrial Exhibition | 2021

- Collaborated on the development of the sensor module for the project and participated in co-testing the communication system.

RUNNER-UP | CODEWARE19, INTRA AUST SOFTWARE EXHIBITION

Category: Mobile & Web Application | 2019

- Integrated the messaging and video calling functionality into the mobile application showcased at the exhibition.

LANGUAGE PROFICIENCY

INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM (IELTS)

Test Type: Academic | Apr 2022

- Overall Score: 7.5 / 9.0 (Listening 8, Reading 7, Writing 7, Speaking 7)

SKILLS

Programming Languages: C/C++, CSS, C#, JavaScript, PHP, Python, SQL

Frameworks: ASP.NET, Kajabi, Pandas, Pytorch, PySpark, Tensorflow, Vue.js, WordPress

Technology: Docker, Git, LaTeX, Microsoft Office