

SHAHRIAR KABIR KHAN

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EDUCATION

MSc Artificial Intelligence • Queen Mary University of London (2:1 Expected) 2019 - 2021

Modules Include: Data Mining, Machine Learning, Deep Learning and Computer Vision, AI in Games, Neural Networks with NLP, Advanced Robotics Systems etc.

BSc Computer Science • University of Hertfordshire (2:1) 2016 - 2019

Modules Include: Artificial Intelligence, Database Concepts, Computer System Security, Algorithm and Data Structures, Software engineering practice etc.

RELATED EXPERIENCE

Data Engineer (one-year placement) • Health Data Research, UK. September 2020 - present

- Managed agile projects using JIRA in collaboration with the Data Engineering team
- Planned and split projects into manageable sections, prioritised task, maintained sprint cycle to reach the project goal
- Worked closely with internal/external clients to understand project requirements, reviewed and modified work according to client needs
- Utilised python, developed data pipelines using large datasets includes data wrangling, data visualisation and deployment using data science techniques
- Applied machine learning at work to perform text classification
- Organised a data science competition for HDR UK black internship program, collaborated with senior stakeholders and contributed to the organisation diversity and inclusion policy

Mobile App Developer (Internship) • Focus4People, London. May 2019 - August 2019

- Created UX/UI design for mobile apps for different platforms, including iOS and Android.
- Integrated with existing web app for mobile apps, Collaborated with other developers to continually innovate app functionality and design.
- Maintained and updated work regularly following version control system using Git.

PROJECT & RESEARCH EXPERIENCE

Data Analysis Project • Health Data Research UK. 2020 - 2021

Title: Research Fish Data Analysis and Visualisation (Python/Tableau)

- Analysed a large amount of health data to find the insights and visualised data for clients
- Worked in an agile manner, based on feedback produced and presented reports to clients

Machine Learning Project • Queen Mary University of London. 2019 - 2020

Title: Deep learning-based drone detection and tracking (MSc Project - Python/Yolov4)

- Developed a deep learning-based drone detection system using a state-of-the-art object detection model named YOLOv4
- Conducted research on deep learning, wrote industry-standard conference paper, labelled image dataset, assessed model completeness using mAP, IoU and F1 score

Software Development Project • University of Hertfordshire, London. 2018 - 2019

Title: Live bus times update (iOS application development - Final year project)

- Designed developed and tested portfolio iOS application following core software engineering practices that can detect the live location of buses using drivers location.
- Gained experiences in app development, agile development, NoSQL, database management, source control, MVC, and other most essential software engineering methodologies.

FURTHER WORK EXPERIENCE

Team Leader (Part time), Co-op, London.

September 2016 - present

- Trained new and existing staff where necessary, worked flexibly by organised and managed stocks, deliveries, promotions, handled cash office, performed cashier duties where required.
- Professionally handled customer complaints.
- Acted on behalf of management in their absence and motivated my team to work together to achieve greater success

LEADERSHIP

Course representative (MSc AI), QMUL, London.

September 2019 - September 2020

- Demonstrated negotiating, leadership, public speaking skills by acting as key link between 100 mature students and academic staff, communicating queries, building relationship and concerns to the university (**Elected by coursemates**).

Treasurer, UNICEF on Campus Hertfordshire, UH.

September 2018 - May 2019

- As an elected representative, I organised numerous events and traded different items at the campus to raise funds for UNICEF.

ACHIEVEMENTS/INTERESTS

- Won 'Skills Award 2020' from Queen Mary student union for attending 10+ hours exclusive volunteer training sessions including 'leadership', 'public speaking' and 'present with confidence' etc shows my interest in growth and willingness to change as situation demands.
- Member of Queen Mary consulting society and AI & robotics society, coordinated a robotics competition in my school and liaised with university.
- Won 'Best student-led project of the year - 2019' with teams from Hertfordshire student union for organising and contributing to fund collection project for UNICEF on numerous occasions.
- Awarded 'Rep of the month-December 2018' for my outstanding performance as a computer science student representative at University of Hertfordshire.
- Certified First Aider and volunteer blood donor at NHS, UK.

SKILLS

Programming Languages: Python, SQL, Java, Swift, HTML/CSS.

Tools/Application: Tableau, MongoDB, Excel, TensorFlow, Keras, Google Colaboratory, GitHub, Python (eg. scikit-learn, numpy, pandas, matplotlib, BeautifulSoup).

Soft Skills: Teamwork, Flexibility, Problem Solving, Adaptable, Organised, Critical-thinking, Attention to detail, Communication, Creative, Leadership.

Others: JIRA, WordPress, Slack, Zoom, Kanban Trello, ETL, OOP.

References available on request.