Mizanur Rahman

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Education History and Qualifications

2021-2022 **MSc Data Science, King's College London, January 2021 to January 2022 (Due to Covid-19)**
- Expected Degree Classification: **Distinction**.
- Degree topics Include: Computer Programming (Python), Machine Learning, Data Mining, Databases and Data warehousing (SQL), Statistics for data analysis(R), Simulation and Data Visualisation (JavaScript+D3), Pattern Recognition, Neural Networks and Deep Learning.

2015-2018 **BSc (**Hons**) Mathematics and Finance, City, University of London**
- Degree Classification: **First-class Honours – 77%**. I was amongst the **top 10%** of students.
- Degree topics Include: Probability and Statistics, Economics, Financial and Investment Mathematics, Linear Algebra, Programming and computational mathematics, Advance Complex analysis, Vector Calculus, Application of probability and statistics, Differential Equations, Corporate Finance, Operational Research, Finance and Financial Reporting.

Relevant experience

Oct 2018 to Dec 2020 – St Paul's Way Trust School – Teaching Assistant – Full time – London, UK
- Worked closely with teachers to support students across various subjects.
- Planned and delivered structured support classes for GCSE and A-level students after school, assisting them with Maths, Science and Computer Science.
- Liaising with Heads of Faculty, Senior Leadership Team, and parents to form the optimal education plan for students. Gathered and analysed data on student behaviour and performance to make classes more effective and inclusive.
- Helped to organise and run a BMX bike riding club for students with disabilities.

Nov 2017 to Jun 2018 – City, University of London – Maths Tutor – Part-time – London, UK
- Took part in a weekly tutoring Scheme within local schools to help raise academic attainment in Mathematics. Conducted GCSE and A-Level Maths support sessions.
- Proactively engaged with young people while tutoring. Inspiring students who are mostly from an underprivileged background to continue with their education.
- Received excellent training classes throughout the year by specialists. Including classes on behaviour management, small group facilitation, lesson planning and presentation.

May 2017 to Oct 2017 – AGP Accountants Ltd – Accounts Assistant – Full time – London, UK
- Data entry of prime books of records, using both electronic and manual methodology. Review of client records and comparing to previous data to identify and rectify anomalies.
- Setting up clients in accounting software Xero for bookkeeping. Creating specific template structures using Excel formulas to make the process of data entry and import more efficient.
- Use of specialist software used specifically by accountants in compliance roles. CaseWare and CCH Central for accounts preparation. Forbes and CCH Central for Taxation.
- Assistance in ad hoc audit testing and other analytical/forensic review of data.

Sep 2016 to Jun 2019 – Excel tutors Ltd – Maths Tutor – Part time – London, UK
- Worked as a Mathematics tutor for students from Year 5 to A levels.
- Managed the responsibility of tutoring up to five students from different year groups at the same time. Stored and analysed individual student data to track the progress of each student over time and optimised teaching based on the Data Analysis.
- Conducted Chapter-specific exams at the end of every chapter and provided with individual feedback. Ensured that additional support was given to less able students by providing them with concise handwritten notes on more challenging topics.

Skills

Programming Languages – Python(daily usage), JavaScript, SQL, R and Microsoft Excel(VBA).

Machine Learning tools – TensorFlow, Keras, Scikit-learn, Pytorch, Nengo.

Other – Fluent in English, Portuguese, Hindi, Urdu and Bengali.