

Mizanur Rahman

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Education History and Qualifications

2021-2022 MSc Data Science, King's College London

- 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 among 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

May 2022 to Current - Bloomberg L.P. - Senior Data Engineer - Full time - London, UK

- Work extensively with Bloomberg's tech stack to drive automation. Currently maintaining a pipeline that automates 80% of fixed coupon US syndicated bonds.
- Working closely with Clients from DCM desks, Syndicates and Bond Issuers to acquire, enrich and maintain bond data on the terminal.
- Building the infrastructure that enables us to measure Data Quality including Timeliness, accuracy, completeness, and validity of Fixed Income securities.

Oct 2018 to Jan 2021 - 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. Completing daily monitoring sheets and lesson logs; gathering data to make classes more effective and inclusive.
- Helped to organise and run a BMX bike riding club for students with disabilities.

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 Maths 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. Kept individual student diaries to track the progress of each student.
- Conducted regular assessments and ensured that additional support was given to less able students by providing them with concise handwritten notes.

Other skills and Interests

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.