Adam Boustani

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EDUCATION

Imperial College London ***October 2021 – June 2024***
BSc Mathematics with Statistics for Finance (Lower Second Class Honours)

King's College London Maths School ***September 2019 – June 2021***
A level: Mathematics (A*), Further Mathematics (A*), Physics (A), Computer Science AS level (A)

WORK & VOLUNTEERING EXPERIENCE

Administrator (Backs & Beyond Osteopath) ***April 2025 - Present***

- Manage administrative tasks such as PPS data entry; handling sensitive and confidential information ensuring GDPR compliance.
- Coordinate internal and external communications, maintaining accurate and organised records.

Volunteer (Children of Adam Charity) ***October 2023 - Present***

- Work as part of a team providing aid and practical support to the homeless community.

Academic Mentor (Imperial College London) ***September 2023 – June 2024***

- Mentored BSc Mathematics students, providing academic advice and assistance with revision.

RESEARCH & PROGRAMMING EXPERIENCE

NBA Fantasy Predictive Model and Optimisation Solver ***February 2025 – Present***

- Developed a predictive model and optimisation solver using Python that helped me win the global NBA Fantasy basketball competition (estimated 135,000 players).

Forage Virtual Experience ***December 2024 - January 2025***

- ***Quantium Software Engineering:*** Developed an interactive Dash application with an intuitive user interface that enabled the client to assess the impact of price changes on sales and profitability.
- ***PWC Power BI:*** Created Power BI dashboards that effectively visualised KPIs; delivered valuable insights and actionable suggestions to engagement partners based on data analysis.

Multi-Armed Bandits Group Research Project ***May 2023 - June 2023***

- Implemented a variety of algorithms solving the Multi-Armed Bandit problem in Python; evaluated their effectiveness on different reward distributions.

Galaxy Distances Group Research Project ***November 2019 – June 2020***

- Trained a machine learning algorithm to predict the distance to a galaxy from its colour and brightness using least-squares regression and random forest; generated 3D plots of correlations using Python.
- Produced a journal article detailing our research and presented the findings to industry experts from the Oxford-Man Institute.

SKILLS

Technical Skills: Python, R, SQL, React, JavaScript, Firebase, Power BI, MS Office
Languages: English, Polish