

KIERAN KOTHARI

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Data driven with excellent analytical and interpersonal skills. Experience of working in the Capital Markets industry across a range of software products, asset classes and project development lifecycles. Proven data analysis skills including the quantitative and qualitative examination of large data sets for trends and patterns.

EDUCATION

University of Bath - Computer Science MSc (*Merit*)

Oct 2017 - Oct 2018

Modules including: Software Engineering, Databases, Human-Computer Interaction, Foundations of Computation, Security and Integrity, Functional Programming.

Thesis: Developed an innovative heart-rate based sports technology tool in Python and quantitatively analysed its user benefits by examining data produced from a laboratory study using R and SPSS.

Trinity College Dublin - 2.1 (66%) in Economics, Politics and Philosophy BA

2010 - 2014

Modules including: Econometrics, Macroeconomics, Microeconomics, Game Theory, Logic, Competition Policy, World Economy, Economics of Less Developed Countries, Monetary Policy.

Westcliff High School for Boys

A-levels - Maths (A), History (A), General Studies (A), Biology (B), Chemistry (B)
GCSEs - 9A*, 2A

EXPERIENCE

First Derivatives - Analyst

Nov 2018 - present

- Trading technology consultant for a Capital Markets centred financial consultancy. Working on a variety of technology trading platforms including Calypso for a number of clients across the capital markets and risk management industries.
- Involved in the design, development, implementation and support of a range of financial software products and trading systems to optimise for efficiency and risk management.
- Exposure to financial products including Futures, Options, Derivatives, FX, Credit Risk, IR Swaps and Equities. Experience of agile and waterfall software development project lifecycles.

Tutor

2015 - 2017

- Tutored students for 11+, GCSE and A-level exams across a number of subjects (Maths, English and History). Honed my interpersonal skills and developed techniques aiding in the clear communication of often complex ideas and information. Worked with students both in a 1 to 1 and group environments, and developed strategies to ensure that they were able to learn in a time-efficient manner.

DATA ANALYTICS SKILLS

Programming Languages
Software & Tools

Python, SQL, R
L^AT_EX, Excel, Stata, Tableau, SPSS

AWARDS AND INTERESTS

- 2011 Entrance Exhibition Award for undergraduate academic performance.
- Keen cyclist and open water swimmer with an interest in the Strava API and data-driven sporting performance improvement.