

# 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

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**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

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**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

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**Programming Languages**

Python, SQL, R

**Software & Tools**

L<sup>A</sup>T<sub>E</sub>X, Excel, Stata, Tableau, SPSS

## AWARDS AND INTERESTS

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- 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.