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Edward Monbiot

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Education

| **Barcelona, Spain** | **Barcelona School of Economics** | **Sep 2023 \| Jul 2024** |

- MSc in Data Science for Decision Making.

| **Dublin, Ireland** | **Trinity College Dublin** | **Sep 2011 \| Jun 2015** |

- BEng in Mechanical Engineering.

Employment

| **Trading Support Engineer** | **Caxton Associates** | **Mar 2019 – Jun 2023** |

London, U.K.
- Ensured the reliability and effective operation of critical trade capture systems.
- Designed and implemented automated alerts and monitoring systems to detect and address data irregularities.
- Played a key role in a three-year initiative to modernize the firm's trading infrastructure.
- Worked with traders to swiftly address and resolve trading production issues, led platform demonstrations and managed user access, enhancing user experience and mitigating risk.

| **Technical Project Manager** | **Traiana, CME Group** | **Sep 2016 – Mar 2019** |

London, U.K.
- Delivered over 100 projects for hedge fund clients, consistently meeting client needs and project specifications
- Collaborated with the Sales team to secure new customers and grow the client base.
- Managed extensive UAT, bug fixes and provided critical support during project milestones ensuring client satisfaction
- Prioritised and efficiently resolved a wide array of client production issues related to various financial instruments.

Skills

- Data & Cloud Computing Tools: Python (Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, NLTK, Keras, TensorFlow), R, SQL, AWS

Projects (see GitHub Portfolio)

- **Sentiment Analysis of CEO and CFO Speeches in Quarterly Earnings Calls** Text Mining, Natural Language Processing
- **Predictive Model to Estimate Patient ICU Stay Duration** Neural Networks, Ensemble Methods

Other Interests

- **Tennis** Competed in the UK junior circuit; captained my high school and Trinity College Dublin's men's 1st teams.
- **Volunteering** Fundación Social Antorches de Vida, Jun – Jul 2016, Medellín, Colombia. Taught English and Maths to underprivileged children