

James MacKillop

jmackillop@pm.me

www.jmackillop.ml || www.github.com/jmackillop

Education

UNIVERSITY OF OXFORD (2016-2019)

BA in Mathematics and Statistics

- Relevant coursework : Applied and Computational Statistics, Machine Learning, Simulation, Applied Probability, Statistical Inference
- Extended essay : Stochastic Modelling of Limit Order Books in Continuous Time

Changqing No. 1 School, Wuhan, China (Sept. 2015 - Dec. 2015)

UK representative and exchange student

Manchester Grammar School (2013-2015)

Maths A*, Further Maths A*, Economics A, Physics A, Chemistry A

Other qualifications include AP Calculus (Grade 5) and 7 self-taught GCSEs - 4A* (Physics, Chemistry, Economics, French) & 3A (English, Law, Psychology)

Work & Leadership Experience

Men's vice captain at Worcester College Boat Club, Oxford (2017-2018)

- Responsible for organisation of recruitment and training of novices
- Led land and water based training sessions, including supporting volunteer coaches
- Increased active club membership by over 50% through targeting new students and inactive members

Barman at Queen's Head Restaurant, Cambridge (Jan. 2016 - June 2016)

- Preparation of food and beverage in a highly pressured, fast-paced environment
- Upselling and cross selling products while contributing to atmosphere
- Reception and control of inventory

Shift Manager at Thriplow Corner Shop, Cambridge (Jan. 2016 - June 2016)

- Direction and motivation of volunteer staff members
- Customer sales and service
- Management of payments to suppliers and contractors

Tennis Coach at PVL Tennis Club, Manchester (2013-2015)

- Coaching of children aged 8 to 15
- Shot analysis and critique while creating a pleasant learning environment
- Maintained parent contact to ensure fees were paid while selling additional lessons

Other experience includes volunteer planetarium lecturer and private tutor

Activities, Skills and Interests

Python (Scikit-learn, NumPy, Pandas, SpaCy), R, MATLAB, HTML, CSS, Git, Linux, Microsoft Office (Word, Excel, PowerPoint)

French DELF Level B2

Mandarin HSK Level 2