QIANG HA

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EDUCATION

TSINGHUA UNIVERSITY, SCHWARZMAN COLLEGE   Beijing, China
Master of Global Affairs   Aug 2019 - Jul 2020
- Fully-funded leadership program modelled on Rhodes Scholarship -- 3.75% acceptance rate

LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE   London, UK
Masters of Science (MSc), Data Science   Sep 2018 - Aug 2019
- Courses: Machine Learning, Deep Learning, Distributed Computing, Social Network, Text Analysis

UNIVERISTY OF CAMBRIDGE, QUEENS' COLLEGE   Cambridge, UK
Bachelor of Art (BA), Mathematics   Oct 2015 - Jun 2018
- Queens' College Foundation Scholar Award for Academic Excellence
- 1st Class for Year 1 and 2, 2:1 Class for Year 3
- Courses: Statistics, Linear Algebra, Numerical Analysis, Optimisation and Control, Probability

DATA ANALYTICS EXPERIENCE

London School of Economics Department of Methodology   London, UK
Fake News Study, Research Assistant   Jan 2019 – Present
- Analyzed user, network and linguistic characteristics of fake news on Twitter using 1TB Json files
- Conducted analysis using *Tensorflow, Pyspark SQL* and *Mllib* on Google Cloud clusters
- Aim to produce a Wisdom of Crowd approach for real time fake news detection

OXFORD ASSET MANAGEMENT *– a market-neutral quantitative hedge fund*   Oxford, UK
Quantitative Modelling, Summer Intern   Jul 2018 – Aug 2018
- Worked on accurate peer group identification for 20,000 US companies using *Python*
- Identified peers with 2% more Residual Return and Fundamental Variable Correlation than industry groups

CAMBRIDGE UNIVERSITY STATISTICAL LABAROTORY   Cambridge, UK
Undergraduate Research Assistant   Jun 2017 – Sep 2017
- Proved the optimality of Thompson Sampling Algorithm to solve Stochastic Multi-armed Bandits is robust
- Designed and implemented experiments to verify results using *Python* in a Linux environment
- Published a paper, 'A study of Thompson Sampling with Parameter h', at http://arxiv.org/abs/1710.02174

OTHER PROFESSIONAL EXPERIENCE

EEQU *- a peer to peer education platform that provides tailored education for children*   Sussex, UK
Intern   May 2019
- Visualised employee contribution across different areas of business by analyzing chat logs
- Designed UX frames for website that increased number of visits

Harry Specters *- a social enterprise selling delicious chocolate*   Cambridge, UK
Volunteering Consultant   Feb 2016 – Apr 2016
- Interviewed managers in local firms to understand CSR practices
- Proposed marketing strategies, working in a team of 4, recommendation accepted

ADDITIONAL INFORMATION

- Advanced in Python and R, Proficient in TensorFlow, Spark, Hadoop, Matlab, Latex, Bash
- Chief Sponsorship Officer for Cambridge New Year Trust (a fundraising arm for a Charity Based in China)
- English (Advanced), Mandarin (Native), Japanese (Basic)
- Played Basketball for 10 years, watched animations for 4 years, cooked for 1 year. Enjoy acting.