

QIANG HA

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EDUCATION

TSINGHUA UNIVERSITY, SCHWARZMAN COLLEGE

Master of Global Affairs

Beijing, China

Aug 2019 - Jul 2020

- Fully-funded leadership program modelled on Rhodes Scholarship -- 3.75% acceptance rate

LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE

Masters of Science (MSc), Data Science

London, UK

Sep 2018 - Aug 2019

- 1st Class Honour
- Courses: Machine Learning, Deep Learning, Distributed Computing, Social Network, Text Analysis

UNIVERSITY OF CAMBRIDGE, QUEENS' COLLEGE

Bachelor of Art (BA), Mathematics

Cambridge, UK

Oct 2015 - Jun 2018

- 1st Class for Year 1 and 2, 2:1 Class for Year 3
- Queens' College Foundation Scholar Award for Academic Excellence
- Courses: Statistics, Linear Algebra, Numerical Analysis, Optimisation and Control, Probability

QUANTITATIVE ANALYTICS EXPERIENCE

London School of Economics Department of Methodology

Fake News Study, Research Assistant

London, UK

Jan 2019 – Aug 2019

- Studied 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
- Produced a prediction model with 77% accuracy and identified vulnerable users of fake news

OXFORD ASSET MANAGEMENT – a market-neutral quantitative hedge fund

Quantitative Modelling, Summer Intern

Oxford, UK

Jul 2018 – Aug 2018

- Worked on accurate peer group identification for 20,000 US companies using *Python*
- Verified the optimality of 'wisdom of crowd' approach
- Discovered peers with 2% more Residual Return and Fundamental Variable Correlation than industry groups

CAMBRIDGE UNIVERSITY STATISTICAL LABAROTORY

Undergraduate Research Assistant

Cambridge, UK

Jun 2017 – Sep 2017

- Proved the optimality of Thompson Sampling Algorithm to solve Stochastic Multi-armed Bandits is robust with regard to small perturbations of parameters.
- 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>

QUALITATIVE ANALYTICS EXPERIENCE

JD – China's largest retailer

Inference Consulting, Analyst Intern

Beijing, China

Oct 2019 – Present

- Analysing new product launch marketing strategy for Colgate-Palmolive's MAGIK Kids Brush
- Identifying user characteristics and customer pain points by aggregating purchase log and comment log
- Discovered features of product profile pictures for high CVR peer SKUs through qualitative study

EEQU - a peer to peer education platform that provides tailored education for children

Intern

Sussex, UK

May 2019

- Worked in a team of 3 to design UX frames for company website that increased number of visits
- Visualised employee contribution across different areas of business using chat logs

ADDITIONAL INFORMATION

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- Python, R, SQL, TensorFlow, Spark, Hadoop, Matlab, Latex, Bash
 - English (Advanced), Mandarin (Native), Japanese (Basic)
 - Fan of anime and acting; avid basketball player.