QIANG HA

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EDUCATION

TSINGHUA UNIVERSITY, SCHWARZMAN COLLEGE   Beijing, China
Master of Global Affairs   Sep 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 - Sep 2019
- 1_{st} Class Honour
- Courses: Machine Learning, Deep Learning, Distributed Computing, Social Network, Text Analysis

UNIVERSITY OF CAMBRIDGE, QUEENS' COLLEGE   Cambridge, UK
Bachelor of Art (BA), Mathematics   Oct 2015 - Jun 2018
- 1_{st} 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   London, UK
Fake News Study, Research Assistant   Jan 2019 – Aug 2019
- Studied user 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 an ensemble LSTM prediction model with 77% accuracy and identified vulnerable users of fake news

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*
- 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   Cambridge, UK
Undergraduate Research Assistant   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

BOHAI LIFE INSURANCE ASSET MANAGEMENT – *a qualitative asset management firm*   Beijing, China
Data Analysis, Summer Intern   Jun 2016 – Jul 2016
- Used US Steel Corporation as a model to identify fast growing Chinese coal companies using *Matlab*

QUALITATIVE ANALYTICS EXPERIENCE

JD – *China's largest retailer*   Beijing, China
Inference Consulting, Analyst Intern   Oct 2019 – Nov 2019
- 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

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