

# LANXUAN QI

Houghton Street, London, WC2A 2AE, UK

Tel: +44 07799654968 | Email: [lanxuan.q@gmail.com](mailto:lanxuan.q@gmail.com) | Website: [lanxuanqi.github.io](http://lanxuanqi.github.io)

## EDUCATION

### London School of Economics and Political Science (LSE)

London, UK

- *M.S. Statistics (Research)* 09'20-09'21
- Coursework: Distributed Computing for Big Data, Social Network Analysis, Artificial Intelligence & Deep Learning, Machine Learning and Data Mining, Managing and Visualising Data, Quantitative Text Analysis, Bayesian Machine Learning
- Honors: Graduate Statistician (GradStat) status by the Royal Statistical Society (Expected 12'21)

### Beijing Normal University, Zhuhai

Zhuhai, CN

- *B.S. Applied Statistics & B.S. Finance (Dual Degree)* (Overall GPA: 3.8) 09'15-07'19
- Coursework: Stochastic Process, Multivariate Statistical Analysis, Time Series Analysis, Econometrics, Nonparametric Statistics,
- Honors: Top 10 Graduates | Outstanding Graduates | Special Scholarship (Top 1%)

## WORK EXPERIENCE

### Ivory Bay Capital

Shanghai, CN

*Equity Research Analyst - Hedge Fund*

04'20-07'20

- Employed statistical learning techniques on large datasets to evaluate global investment opportunities in Technology, Media, and Telecom, wrote 15 reports with insights in streaming, gaming and cloud technology
- Conducted technical analysis and fundamental analysis with an evaluation of companies' supply chain, growth driving factors, pipelines and stock price catalysts
- Monitored the performance of investees, evaluated their strategies and operations, for 12 portfolio companies (6 U.S. listed) using Bloomberg and Wind

### Ernst & Young

Shanghai, CN

*Consulting & Project Manager for Global Roll Out*

11'19-04'20

- Evaluated in-flight initiatives and existing issue action plans and developed 11 implementation plans for MUFG and Citibank in China to address compliance deficiencies
- Developed a new quantitative framework to analyse the anti-money laundering (AML) system's operational risk profile of the firm
- Communicated with EY New York as part of central team to sustain regional consistency and alignment for governance processes during planning and execution phases

### Accenture

Chengdu, CN

*Financial Services Consulting*

05'19-07'19

- Developed a tool that allows non-technical users to create simple simulation-based models for the client L'Oréal Group, achieving a 50% reduction in the preparation time of standard client materials
- Assessed monthly/quarterly/yearly cost and revenue, using time series analysis to forecast the cash flow stream in collaborations with service delivery leaders and account managers

### Tencent

Shenzhen, CN

*Cloud & Smart Industries Group Intern*

12'18-03'19

- Spearheaded team's efforts to develop novel ways to measure product risk. Applied machine learning techniques, such as neural networks, logistic regression, Bayesian networks, clustering, and dimensional reduction analysis to technical risk problems
- Created master notes in GitHub for cloud computing product architecture, financial identity authentication, face payment, loan anti-fraud; extracted, analysed and created visualisations of daily and monthly user behaviour data
- Analysed the strengths and weaknesses of 5 competing products, and optimized production based on customer feedback to make products more competitive

### Chinese Academy of Sciences (China's top 1 research institute)

Chengdu, CN

*Research Assistant in Chengdu Branch of CAS*

07'18-12'18

- Collaborated in 2 research projects related to Scientometrics & Evaluation initiated by the national government
- Ran 3 mathematical models to create national Cooperation Network which mapped the connection through domestic and international cooperation, by researching the interconnective data using SAS and Python, displayed on Smart China Expo 2018
- Conducted 10w+ data retrieval and manipulation; Analysed the R&D distribution, the biotechnology industry's development direction, and accomplished the production of 15 visual maps with R programming language

## EXTRACURRICULAR ACTIVITIES

### London School of Economics and Political Science (LSE)

London, UK

*Data Science Society*

09'20-Present

- Planning and organizing workshops (an estimate of 11 workshops per year) introducing new data science techniques and methods

### Teaching Assistant at Beijing Normal University, Zhuhai, Department of Mathematics

Zhuhai, CN

- Probability and Mathematical Statistics. Fall 2017 & Spring 2018
- Advanced Mathematics Fall 2016 & Spring 2017

## AWARDS

- Meritorious Winner in 2018 Mathematical Contest in Modelling, 2018.
- First Prize in China's Mathematical Contest in Modeling for College Students, 2017.
- First Prize in Market Analysis Survey Competition for College Students, China, 2018.

## SKILLS

**Programming:** Python (NumPy, Matplotlib, Keras, Pandas), SQL, R, MATLAB, SAS, Java, C

**Tools:** LaTeX, GitHub, Eviews, SPSS, Stata

**Languages:** English-Fluent, Mandarin Chinese-Native

**Interest:** Bridge, Won the championship of the 2017 Zhuhai Bridge Communication Competition