Ziming Arthur Wang

C4.18 Winstanley Road – SW11 2DL London – UK

☏ +44 07928903735 • ✉ ziming.wang17@imperial.ac.uk

🖱 www.linkedin.com/in/arthur-ziming-wang-5a50a4108/

Education

Imperial College London · **London, UK**

MSc in Mathematics and Finance, Distinction expected · *2017–Current*

Relevant coursework: Quantitative Risk Management, Statistical Models in Finance, Data Analysis and Machine Learning, Computing in C++, Algorithmic Trading, Stochastic Process, Numerical Methods in Finance, Simulation Method in Finance, Interest Rate Model, Derivative Pricing

University of Cambridge, St John's College · **Cambridge, UK**

B.A. Hons in Mathematics, GPA: 3.8 equivalent · *2014–2017*

Relevant coursework: Statistical Modelling, Principles of Statistics, Stochastic Financial Models, Operational Research, Numerical Analysis, Applied Probability, Survival Data Analysis, Asymptotic Methods, Dynamical Systems, Probability and Measure, Statistical Physics, Mathematical Biology

Ruthin School · **Ruthin, UK**

A-Levels, UCAS points: 740 · *2012–2014*

Mathematics(A^*), Further Mathematics(A^*), Physics(A^*), Chemistry(A^*), Additional Further Mathematics(A), Chinese(A)

Experience

Citadel LLC · **Oxford UK**

Citadel UK Datathon Participant · *Oct 2017–Nov 2017*

- Manipulated large datasets and conducted exploratory data analysis and visualisation with Python/MATLAB/R
- Feature selection with linear regression, correlation and random forest

Aurora Energy Research · **Oxford UK**

Quantitative Analyst Intern · *Jun 2017–Sep 2017*

- Transformed the existing UK energy models from Stata to Python and built new models for demand and inter-connector
- Created a detailed model of UK energy commodity price sampling and implemented the model using R and SQL

Cambridge Centre for Alternative Finance · **Cambridge UK**

Research Assistent · *Jan 2017–Apr 2017*

- Engaged with the Alternative Finance sector to understand technological innovation, industry and capital trends
- Key research findings contributed to a joint project with World Bank Group

Cambridge Consulting Network · **Cambridge UK**

Consultant · *Oct 2016–Jan 2017*

- Developed an early warning system for project delays by analysing client history data and identified KPIs using statistical methods
- Drafted and delivered the final presentation to Jaguar Land Rover seniors

Relevant Skills

Python: 3 years experience. Proficient with NumPy, scikit-learn, Pandas, SciPy

MATLAB: 3 years experience and 8 academic projects at Cambridge   **R**: 2 years experience and 3 academic projects at Imperial

SQL: Proficient in querying and integration with Python and R   **C++** : MSc module and now self-learning numerical implementation

Leadership

Imperial College London, MSc Mathematics and Finance Academic Representative · · · · · · · · · · · *Oct 2017–Current*

- Collated feedback from students, attended Staff-Student Committees and proactively communicated with constituents

St John's College Cambridge Adams Society, President · *Apr 2015–Apr 2017*

- Headed committee in the organisation of university-wide mathematical talks and secured external sponsorships of £$2,200$

Bristol Engineering Mathematics Challenge, Academic Director · *Jun 2013–Feb 2014*

- 2nd place in the competition for real-life car parking modelling and optimisation

Awards and Achievements

International Mathematics Competition: Bronze medal, UK top 4 · *Aug 2017*

UKMT Senior Mathematical Challenge: Gold medal and perfect score · *Oct 2013&2012*

International Chemistry Olympiad(UK Round): Gold medal, top 5% score · *Feb 2013*

British Mathematics Olympiad: Silver medal, ranked 29th in the UK · *Dec 2012*

Scholarshps

St John's College Cambridge: Research Grants for Mathematics and Machine Learning · · · · · · · · · · · · · · · · *2015–2017*

University of Cambridge: Cambridge Overseas Trust Scholarship · *2014–2017*

Ruthin School: Ruthinian Admission Scholarship · *2012–2014*