

YUE WU

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EDUCATION

Imperial College London MSc Applied Mathematics	<i>Sep 2023 - Sep 2024</i> Distinction
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Queen Mary University of London BSc Mathematics & Statistics 2022/23 Mathematical Sciences Project Prize Winner	<i>Sep 2020 - June 2023</i> First-Class Honours
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AWARD

2022/23 Mathematical Sciences Project Prize Winner Outstanding Trainee Best Paper Award	Queen Mary University of London Huawei Technology Co. Ltd ITAM Workshop (2025)
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JOURNAL PUBLICATIONS

- Yue Wu, Beiyi Chen, Helen Cai, Daojun Wang, Qiong Yuan (2024). Evolutionary Game Theoretic Approach with Deep Learning for Health Decision-Making in Critical Environments. *Annals of Operations Research*. DOI: <https://doi.org/10.1007/s10479-024-06353-2>
- Xu, H., Wang, C., Wu, Y., & Hu, X. (2023). Economic currents and land use: Coastal change during the construction of the eco-island carbon neutral demonstration zone in Chongming Island. *Ecological Indicators*, 156, IIII27. DOI: <https://doi.org/10.1016/j.ecolind.2023.IIII27>
- Liu, Y. Y., Zhang, Y., Wu, Y., & Feng, M. (2023). Healthcare and Fitness Services: A Comprehensive Assessment of Blockchain, IoT, and Edge Computing in Smart Cities. *Journal of Grid Computing*, 21(4), 82.c DOI: <https://doi.org/10.1007/s10723-023-09712-8>
- Liang, L., Wu, Y., & Chu, J. (2022). Applying Spatial Techniques in Understanding Evolution and Accessibility of Cultural Facilities based on Multi-Source Data: A Case Study in Xiamen, China. *Journal of Engineering Research*. DOI: <https://doi.org/10.36909/jer.ICCSCT.19491>

CONFERENCES & WORKSHOPS

- Yue Wu, Lanshu Feng, Shujing Zhang, Mai Hao (2025). Outlier Removal for 3D Point Clouds via second order ℓ_1 optimization
Accepted for 2025 International Conference on Intelligent Technology and Advanced Manufacturing.
- Lanshu Feng, Yue Wu, Shujing Zhang, Ang Li, Mai Hao (2025). OLSA: An Off-Lattice Simulation Approach with Spectral Insights to Model Intelligent Manufacturing Networks
Accepted for 2025 International Conference on Intelligent Technology and Advanced Manufacturing.
- Study of Disorder: Percolation, Connectivity on Perturbed Lattice Geometric Graphs
Poster Presentations
XVIII Brunel-Bielefeld Workshop on Random Matrix Theory.
- Applying Spatial Techniques in Understanding Evolution and Accessibility of Cultural Facilities Based on Multi-Source Data: A Case Study in Xiamen, China.
4th International Conference on Computer Systems and Communication Technology
Conference Talk

TRAINING

University of Oxford

Machine Learning in Mathematics & Theoretical Physics

July 2023

ACADEMIC ORGANIZATION

London Mathematical Society

Associate member

Nov 2023

WORK EXPERIENCE

Account Manager

Huawei Technology Co. Ltd

12/2024-07/2025

- Business Enablement Communication: Delivered customized presentations on Home Broadband, FTTR, and 5G-A solutions in exhibition halls, tailoring technical depth for diverse audiences (government, enterprise, consumer). Gathered stakeholder feedback via interactive demos to refine messaging and product features.
- Project Client Management: Directed the Smart Airport algorithm initiative with Xiamen Xiangye Group, aligning internal RD and external stakeholders. Successfully delivered and deployed 8 key algorithms on schedule, enhancing airport operational intelligence.

Education Software Development Intern

Yusi (Shanghai) Education Technology Co., Ltd

06/2022-09/2022

- Assisted in the development of educational software, helped to debug in software design, and reviewed ethical problems in the software development process.

Business Intelligence Developer Intern

Schneider Electric Xiamen Switchgear Co., Ltd

04/2021-07/2021

- Provided BI development based on SAP, Tableau, Python, and VBA.

Stock Trader Intern

Blackseal Capital, China

06/2020-07/2020

- Used private funds to carry out T+1 transaction in the Chinese stock market.

VOLUNTEERING WORKS

Event logistics coordinator

Xiamen's Children's Palace

18/12/2021

- Held a chorus, orchestral music, and drama performances as one of the organizers.
- Responsible for communicating with primary schools about performance content and rehearsal times.
- Formulated and distributed tasks related to stage planning.

Mentor

Imperial College London

01/2024 - 04/2024

- Teach mentee about how to perform academic research such as how to search for literatures, academic reading and academic regulations.
- Aiming to create a scientific poster as the project outcome. Poster title: The untold side of optic fiber