

Zhong Lyu

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EDUCATION

Imperial College London | Bachelor integrated MEng in Civil Engineering

Oct 2021 – Present
Expected Graduation: Jul 2027

- **Coursework:** Corporate Finance, Computational Methods, Statistics, Mathematics, Machine Learning, Fluid Mechanics, Structural Mechanics, Environmental Engineering, Project Management

PROFESSIONAL QUALIFICATIONS

CFA® – Chartered Financial Analyst | Passed CFA® Level I in Aug 2025

CFA Institute®

- Core coverage: Financial Statement Analysis, Economics, portfolio management, Alternative Investments, Equity Investments, Fixed Income, Derivatives and Corporate Issuers

FRM® – Financial Risk Manager | Passed FRM® Level I in Aug 2025

GARP®

- Core coverage: Quantitative Analysis, Financial Markets and Products, Valuation and Risk Models

EXPERIENCE

JLL (Jones Lang LaSalle) – ShenZhen, China

Dec 2024 – Mar 2025

Data Analyst Intern

- In-depth underwriting on 34 commercial assets, including detailed rent roll underwriting on more than 200 tenants and business plan projections on each of the downside/upside/base case scenarios
- Led commercial, financial, legal and technical due diligence, including detailed tenant-by-tenant lease review, floorplate and structural specification assessment, as well as company-level tax and legal analysis
- Over 30 pages Annual ShenZhen Office Market Report, covering a recap of the 5-year market trend as well as the firm's 2025 house view on the office sector
- Developed Python-based web crawlers to collect 20,000+ data points, and implemented Redis for incremental weekly updates and real-time monitoring
- Developed automated programme for data cleaning / cross-checking for commercial asset monitoring; identified limitations in token-based classification and independently proposed a geo-coordinate cross-verification improvement. Programme implemented on the company database (over 13,000+ data points, 700+ corrected)

Constructionarium – Norfolk, United Kingdom

Jun 2024 – Jul 2024

Construction Manager & Surveying Team Lead

- Led a team of 12 to construct a foot bridge from blueprint design to on-site execution; Ran technical training on total station operation and construction workflows, ensuring measurement precision below 0.001% through rigorous surveying and data validation
- Benchmarked against 11 peer groups, achieving the lowest error margin and 14% faster overall project completion than contract terms, with improved precision resulting in £30,000+ budget saving

VOLUNTEERING EXPERIENCE

NBA International Game – ShenZhen, China

Oct 2018 & Oct 2019

- Assisted NBA operations team in on-site court surveying and measurements, coordinating between NBA representatives and local contractors to ensure precise flooring setup
- Managed event logistics and material distribution, liaising with team staff during game day to ensure successful event execution and received official volunteer recognition from the NBA including a team-signed appreciation towel from the Dallas Mavericks

INTERESTS

Quantitative Research - Gold Level, WorldQuant Challenge

Basketball – Runner-up, UK Chinese University Basketball Championship; Champion, 2022 South Cup

Strength and Endurance Training - Bench 120 kg, Squat 150 kg, Deadlift 180 kg

TECHNICAL SKILLS

Programming: Python (NumPy, Pandas, PyTorch, Scrapy, Selenium, TensorFlow), MATLAB, JavaScript, SQL, Redis

Data & Productivity Tools: Excel (incl. Macro), PowerPoint, LaTeX, Word

Design & Engineering: AutoCAD, Rhino