HANDAN ZHONG

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EDUCATION

Expected 12/25   **NEW YORK UNIVERSITY**   New York, NY
The Courant Institute of Mathematical Sciences
M.S. in Mathematics in Finance
- ***Expected Coursework:*** object-oriented programming, penalized regression, decision trees, linear regression, Fama-French, Black-Scholes, stochastic processes, Hull-White model

09/21 - 05/24   **KING'S COLLEGE LONDON**   London, UK
B.S. in Mathematics
- ***Coursework:*** linear algebra, analysis, geometry, applied differential equations, probability and statistics, Python, discrete mathematics, mathematical finance, time series
- ***Honors:*** First Class Honors

EXPERIENCE

06/23 - 09/23   **ZHEJIANG ZHENGLI ENGINEERING MANAGEMENT CO., LTD.**   Ningbo, China
Financial Management Intern
- Collaborated with team members to prepare budgets, estimate costs, and perform financial analysis for building renovation project
- Conducted risk assessments and proposed mitigation strategies to ensure financial stability
- Provided regular cost updates, addressed client inquiries, and presented detailed reports

06/22 - 09/22   **NINGBO ZHENGLIDE ENTERPRISE MANAGEMENT CO., LTD.**   Ningbo, China
Financial Analyst Intern
- Conducted detailed financial analysis and reporting, supporting budget preparation
- Forecasted and monitored revenue and expenditures, contributing to accurate budget planning
- Managed daily accounting processes; handled voucher entries and account reconciliation

07/21 - 09/21   **ZHENGDE ACCOUNTING FIRM, LTD.**   Ningbo, China
Accounting Intern
- Conducted financial statement analysis, audit preparations, and data organization
- Streamlined tax-related tasks, including data organization and tax law research
- Developed proficiency in accounting software for financial analysis and reporting

07/20 - 09/20   **MINGZHOU REAL ESTATE & LAND ASSETS APPRAISAL CO., LTD.**   Ningbo, China
Assistant Appraiser Intern
- Conducted market research and reconciled real estate market data for appraisal reports
- Analyzed and visualized geographic data, enhancing its accuracy
- Collaborated on preparation of assessment reports, ensuring clear documentation of findings

PROJECT

07/24 - 08/24   **NEW YORK UNIVERSITY**   New York, NY
K-means Clustering Implementation (Python)
- Implemented K-means clustering to solve problems with grid-based data
- Developed and refined K-means clustering algorithm by initializing centroids from dataset values and implementing convergence check to ensure algorithm stability
- Validated algorithm results by testing centroid alignment with expected positions; organized project into modular scripts for streamlined testing and code management

COMPUTATIONAL SKILLS / OTHER

Programming Languages: Python, R, Excel
Languages: English (fluent), Mandarin (native)
Interests: Ultimate Frisbee (top 5 all-university teams in UK)