

YUANTING FAN

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EDUCATION

Georgia Institute of Technology

Aug 2024 - Dec 2025

Master's, Computer Engineering

GPA: 3.9

- Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, CSE Algorithms, Analytics Modeling, Numerical Linear Algebra, Modeling and Simulation, Regression Analysis, Time Series Analysis, Stochastic Process

Edhec Business School

Sep 2014 - Jul 2017

Master's, Financial Engineering

GPA: 3.7

- Financial Econometrics, Empirical Methods, Advanced Fixed Income, Advanced Derivatives, Treasury Risk Management, Enterprise Risk Management, Tactical Asset Allocation, Advanced VBA, MATLAB

Sun Yat-sen University

Sep 2010 - Jun 2014

Bachelor's, Management

GPA: 3.5

ACHIEVEMENT

Book Publication

- Jin Liu, Lei Duan. (2024). *The Singapore Model*. China Economic Publishing House
- *Economic Analysis of Foreign Language Education* (forthcoming)

Scholarships & Award

- CSC Chinese Government Scholarship
- Chinese National Scholarship
- EDHEC Academic Excellence Scholarship
- Sun Yat-sen Merit Scholarship
- First Prize of CFA Quant Awards

PROJECTS

Humana-Mays Healthcare Analytics Case Competition - [Link to project](#)

Atlanta, GA, USA

Sep 2024 - Oct 2024

- Developed a machine learning model to predict customer engagement and identify solutions to address business challenges using a large dataset. Achieved an AUC score ranked 17th among hundreds of teams

U.S. NEV Sales Regression And Prediction Analysis - [Link to project](#)

Atlanta, GA, USA

Oct 2024 - Dec 2024

Team Leader

- Conducted multiple regression analysis (Stepwise, Boxcox transformation, Ridge, Poisson) to forecast U.S. NEV sales units, identifying significant predictors, as well as seasonality, trend, and lagged factors

PROFESSIONAL EXPERIENCE

DEEP Research Advisory

Beijing, China

Business Strategy Consultant

May 2022 - Jul 2024

- Conducted data analysis and market research using HTML/Python to devise a global expansion strategy for a leading public battery company, mitigating risks and optimizing organizational structure; increased revenue by 60%
- Identified growth opportunities in semiconductor and B2B commerce for a major industrial park developer
- Led industry research on semiconductor, automotive, and e-commerce sectors for the MBA programs at Cheung Kong Graduate School of Business

China Resources Land (1109.HK)

Shenzhen, GD, China

Investment Associate

Jul 2019 - Nov 2021

- Applied Python/VBA/Tableau for financial modeling, valuation, and market research, conducting feasibility assessments and valuations for residential and industrial projects worth over \$1.4 billion
- Leveraged market data, scenario simulations, and sensitivity analysis to optimize CMBS and REIT products; sold assets amounting to approximately \$1.1 billion USD to institutional investors
- Partnered with BCG and Ernst & Young to develop China Resources' strategy for the Greater Bay Area

Zhuhai Huafa Conglomerate (600325.SS)

Zhuhai, GD, China

Business Strategy Analyst

Jul 2018 - Jul 2019

- Utilized VBA/Tableau to analyze operational data across various business lines, assess financial risks, and revise the conglomerate's 13th Five-Year Strategic Plan
- Conducted market research to facilitate M&A transactions and subsidiary IPOs; partnered with McKinsey and KPMG

Société Générale Paris (GLE-FR)

Paris, France

VBA Developer Intern

Jan 2016 - Jun 2016

- Utilized VBA/ SQL to process post-sales data and automate report generation for derivative teams

SKILLS

Computing: C programming, SQL, Python, MATLAB, R, VBA

Certificates: CFA Level 2, ACCA F1-F4, Bloomberg, Eikon

Languages: French, Japanese, Chinese, English