

Di Wu

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Education

Georgia Institute of Technology

08/2025 - 12/2026

Master of Science in Analytics, GPA: 4.0/4.0

Atlanta, Georgia

Coursework: Computational Data Analysis (Machine Learning & Deep Learning), Database Systems Design (SQL, ER Modeling, Normalization), Operations Research for Supply Chain (Optimization, Linear Programming)

Applied Projects:

1. **Multimodal Deep Learning System:** Led a project to fine-tune the OpenCLIP model families for text-to-image retrieval in an e-commerce context, optimizing cross-modal embeddings to improve product relevance and search accuracy.
2. **Database Search Engine Design:** Led a project to design an adaptive hybrid query search algorithm combining embedding-based text similarity and structured SQL predicates for efficient database retrieval.

Australian National University

07/2016 - 12/2017

Master of Applied Finance

Canberra, Australia

Huazhong University of Science and Technology

09/2012 - 06/2016

Bachelor of Engineering in IC Design & Integrated System

Hubei, China

Professional Experiences

Yamy International Education Technology Co., Ltd.

07/2024 - 08/2025

Business Operations Analyst

Hubei, China

- Contributed to the company's digital transformation by assisting in the development and deployment of an English learning platform and CRM system backed by SQLite, improving data accuracy and client management efficiency.
- Used GnuCash and spreadsheet-based workflows to streamline financial tracking, automate report generation, and ensure compliance with accounting and tax requirements.

Everbright Xinglong Trust Co., Ltd.

08/2019 - 07/2024

Project Manager, Investment Banking Division II

Beijing, China

- Built "Automate Everything" automation web service with Python and Django, streamlining workflows and cutting 70% of coworkers' due diligence time while ensuring analysis quality and integrity.
- Collaborated with cross-functional teams to support the structuring and management of 20+ real estate and infrastructure trust funds, assisting with financial models and investment documentation.
- Contributed to investor relations efforts by preparing data-driven reports and presentation materials for institutional clients such as national banks and insurance firms.

Skills

Programming Skills

- Languages: Python, R, SQL, JavaScript, HTML (working knowledge of Java)
- Frameworks & Libraries: NumPy, pandas, SciPy, scikit-learn, LightBGM, XGBoost, PyTorch, matplotlib, seaborn, Django, Electron, React
- Developer Tools & Environments: Git/GitHub, VS Code, Jupyter, Linux command line, Windows PowerShell, Docker, Conda/pip/npm
- Documentation & Writing: Markdown (e.g. Obsidian/Notion), LaTeX/Overleaf

Quantitative Skills

- Data analytics, machine learning, and deep Learning
- Data Visualization: Power BI, Customized Dashboarding

Finance & Business

- CFA charterholder; comprehensive knowledge of the financial industry.