

Dan Dong

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EDUCATION

09/2023 – Current **University of Amsterdam and Vrije University Amsterdam** **Amsterdam, Netherlands**

- **Master of Science in Computational Science (joint degree)** **GPA: 8.6/10**
- **Relevant Courses:** Introduction to Computational Science (8.5), Programming Large-scale Parallel Systems, Numerical Algorithm (9.5), Stochastic Simulation, Complex System Simulation, Computational Finance (8.5), Scientific Computing (9.0), Data Mining (9.5), Quantitative Financial Risk Management (9.5), Agent-based Modelling (9.5), Evolutionary Computing, Advanced Machine Learning, etc.
- **Course Projects:** Asset Pricing in Complex Financial Markets; Predicting Mood Levels Based on Smartphone Usage Dataset; Recommendation System for Hotel Booking Prediction; Quantitative Financial Risk and Credit Assessment Modeling; Emergent Specialization in Agent-Based Modeling with Asset Dynamics and Tax Policies.
- **Thesis Project:** Agent-based Simulation for Assessing Compliance Behavior of Ethereum Blockchain.

09/2008 – 06/2012 **Nanjing Audit University** **Nanjing, China**

- **Bachelor of Management in Information Management and Information System** **GPA: 3.74/5.0** **Rank: 5/90**
- **Honors:** Outstanding Graduate, National Scholarship (Top 0.2%), Scholarship for Excellent Students (Top 10%, 4 times)

PROFESSIONAL EXPERIENCE

05/2016 – 09/2022 **6.5 years** **Deloitte Touche Tohmatsu Certified Public Accountants LLP** **Manager** **Shanghai**

- Led **IT audits, IT risk assessments, and IT management consulting** for over 30 financial institutions, including banks, insurance companies, and securities firms, etc.
- Managed specialized projects such as designing **ISO 27001** compliant structures, **IT PMOs**, and **strategic IT frameworks**.
- Evaluated risks in **data center migrations, system implementations, IT operations continuity, and IT outsourcing**.
- Designed **operational risk management** systems and conducted **compliance assessments** for securities firms.
- Conducted **SOX audits** and **internal control evaluations** for enterprises, improving management for IPO readiness.
- Managed business development and administrative affairs, growing annual revenue to over 4 million HKD. Received multiple commendations and high-performance ratings.

07/2012 – 04/2016 **4 years** **BDO China Shu Lun Pan Certified Public Accountants LLP** **Senior IT Auditor** **Shanghai**

- Conducted **IT audits, risk assessments, and internal control evaluations** across various industries, including financial services, internet services, retail, manufacturing, and logistics, among others.
- **Analyzed data** to identify risks of material misstatements in revenue and cost recognition within IT systems.
- Recognized as an Outstanding Employee at BDO China.

VOLUNTEER ACTIVITIES

- Engaged as a dedicated volunteer in the Deloitte Foundation's Growth Companionship Program, providing weekly mentorship to left-behind children in impoverished areas, addressing their academic and personal challenges.
- Actively organized and led various volunteer initiatives at university, attracting more than 1,000 students to join in.

SKILLS & CERTIFICATES & INTERESTS

Technical Skills: Programming (Python & Julia), SQL, GitHub, Microsoft Office Suite (Word, Excel, PowerPoint, Visio)

Certificates: CISA (Certified Information Systems Auditor), CIA (Certified Internal Auditor), PMP (Project Management Professional), ISO22301 BCM (Business Continuity Management) Certification

Interests: traveling, hiking, cycling, Chinese cooking

Languages: Bilingual in Chinese and English