Daniel Nguyen

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PROFESSIONAL SUMMARY

MSc Financial Economics graduate with experience in financial due diligence, risk analysis, and business intelligence. Recognised with the Exeter Award and for delivering a high-impact consultancy project. Developed strong analytical skills through evaluating financial statements, identifying unrecorded liabilities, assessing commercial and contractual risks across M&A engagements, and delivering end-to-end analytics solutions using SQL, Python, and Power BI. Built production-grade credit risk models (PD, LGD, EAD, and Expected Loss) and interactive business intelligence dashboards that transformed complex datasets into actionable insights for risk assessment and strategic decision-making.

Seeking a role in risk or financial analysis to apply strong quantitative, data analysis, and risk assessment skills to support effective risk management and data-driven business decisions.

EDUCATION

MSc Financial Economics, University of Exeter, United Kingdom — Sep 2024 – Sep 2025

- **Degree classification (GPA):** 2:1 (Upper Second-class)
- **Relevant Modules:** Experimental & Behavioural Economics (83%), Economics of Corporate Finance (70%), Applied Econometrics I (64%), Applied Econometrics II (63%), Topics in Financial Economics (60%).
- **Key Achievement:**
  - ⇨ **Academic & Professional Recognition:** Awarded the Exeter Award for demonstrating leadership, teamwork, and professional development through workshops, community engagement, and extracurricular initiatives.
  - ⇨ **Consultancy & Competitions:** Designed an SDG curriculum-mapping framework recognised with a £100 HASS Faculty award through the Green Consultants Project, and ranked Top 15 of 164 teams (39 UK universities) in the VOIZ Climate Simulation Challenge, applying analytical thinking and collaborative problem-solving to real-world business challenges.

PROFESSIONAL EXPERIENCE

Supervisor (Zero-hour contract), Rosa Thai, United Kingdom — Jan 2026 – May 2026

- **Key Responsibilities:**
  - ⇨ **Operations Management:** Supervised day-to-day restaurant operations, coordinating front- and back-of-house teams to maintain service quality, operational efficiency, and compliance during high-volume periods.
  - ⇨ **Reporting & Inventory Control:** Managed inventory reconciliation, stock rotation, and end-of-shift reporting on sales, labour productivity (SPH), discounts, and operational KPIs to support performance monitoring and forecasting.
- **Key Achievements:**
  - ⇨ **Operational Performance:** Produced accurate operational reports and inventory reconciliations that ensure accurate stock control, supported forecasting, and enabled data-driven management decisions.
  - ⇨ **Customer Experience:** Maintained high service standards during peak trading periods, contributing to 95% positive customer feedback through effective team coordination and proactive issue resolution.

Transaction Advisory Analyst, Grant Thornton, Vietnam — Nov 2022 – Aug 2024

- **Key Responsibilities:**
  - ⇨ **Financial Due Diligence:** Performed financial, commercial, and contractual due diligence across £50k–£5m M&A transactions, analysing financial statements, revenue quality, customer concentration, contracts, and related-party transactions.
  - ⇨ **Transaction Support:** Prepared financial schedules, supported DCF and comparable company valuations, managed virtual data rooms (VDR), and contributed to sector and market analysis.
- **Key Achievements:**
  - ⇨ **Risk Identification:** Identified £420k EBITDA adjustment in an FMCG deal by uncovering non-recurring items, misclassified expenses, and suspicious transactions, strengthening buyer's negotiating position and securing a better purchase price.
  - ⇨ **Commercial Insight:** Identified 15% customer concentration risk and 20% inflated related-party margins, enabling pricing adjustments, enhanced buyer negotiations, and post-acquisition risk mitigation.

Technology Consultant, KPMG, Vietnam — Apr 2021 – Jun 2022

- **Key Responsibilities:**
  - ⇨ **IT Audit & Data Assurance:** Performed IT control testing, SQL-based data integrity analysis, and financial reconciliations to support statutory audits and the reliability of system-generated financial data.
  - ⇨ **Governance & Compliance:** Assessed IT control environments and supported delivery of a £3.2m data governance programme, ensuring compliance with SOX, ISO 27001, and GDPR requirements.
- **Key Achievements:**
  - ⇨ **Audit Quality:** Delivered reliable audit evidence and strengthened confidence in system-generated financial reporting, improving audit efficiency across multiple engagements.
  - ⇨ **Project Delivery:** Contributed to the successful delivery of a £3.2m transformation programme, developing standardised documentation and coordinating stakeholders to improve project governance and knowledge sharing.

ANALYTICS & RESEARCH PROJECTS

End-to-End Business Intelligence & Analytics Dashboard (DataCo Global) — Jul 2026

Tools used: MySQL, Python, Power BI (DAX, PowerQuery and Deneb) — Project's URL

- **Objective:** Developed an end-to-end Business Intelligence solution that integrated supply chain, sales, and web data into a single, verified source of truth. Designed an executive dashboard analysing 180,000+ records with drill-down capabilities across sales, logistics, customer behaviour, and product profitability—transforming reactive reporting into proactive, data-driven decision-making at the leadership level.
- **Methodology & Scope:**
  - ⇨ **Data Engineering:** Designed a Fact Constellation (Galaxy) schema and automated ETL pipelines using SQL, Python, and Power Query
  - ⇨ **Visualisation:** Built a Power BI dashboard with 15+ KPIs, Deneb custom visuals, geospatial mapping, and drill-through analysis.
- **Result:**
  - ⇨ **Operational Transparency:** Consolidated fragmented business data into a unified reporting platform, improving visibility across the end-to-end supply chain and identifying a 54.8% shipping delay rate for targeted logistics improvement.
  - ⇨ **Business Impact:** Generated actionable insights into discount optimisation, regional performance, product profitability, and delivery efficiency, supporting strategic planning and operational improvement initiatives.

Credit Risk Analysis and Modelling — Apr – May 2026

Tools used: Python (scikit-learn, imblearn, lime, xgboost, etc.), GitHub — Project's URL

- **Objective:** Develop a production-grade credit risk framework aligned with Basel IRB standards to estimate Probability of Default (PD), Loss Given Default (LGD), and Exposure at Default (EAD) for consumer loan portfolios, and integrate them into an Expected Loss (EL) engine to support capital planning, stress testing, and risk-based pricing.
- **Methodology & Scope:**
  - ⇨ **Data Processing & Feature Engineering:** Processed 250k+ Lending Club loans (2017–2018), reducing 152 raw features to 34 using VIF, Condition Index, WoE, and Information Value (IV) analysis.
  - ⇨ **Risk Modelling & Validation:** Developed PD (logistic regression), two-stage LGD, and EAD models, with independent validation on a 50k-loan holdout dataset to evaluate predictive performance and generalisation.
- **Result:**
  - ⇨ **Model Performance:** Achieved ROC-AUC = 0.77 (PD), ROC-AUC = 0.72 (LGD Classification), and $R^2 = 0.35$ (EAD), demonstrating robust predictive performance across the credit risk lifecycle.
  - ⇨ **Model Robustness:** Minimal performance degradation on unseen data (ROC-AUC $\Delta = 0.0039$, MAE $\Delta \leq 0.012$) confirmed strong generalisation and suitability for real-world credit risk assessment.

Analytical Research Project – MSc Dissertation, University of Exeter — Jun – Sep 2025

Tools used: R Studio, Microsoft Words and GitHub — Project's URL

- **Objective:** Investigated the relationship between airport activity and regional economic productivity across **12 UK ITL1 regions (1998–2023)** using advanced panel econometric techniques to generate evidence-based insights for UK aviation policy and regional development.
- **Methodology & Scope:**
  - ⇨ **Data Integration & Econometric Modelling:** Combined CAA airport statistics with ONS regional GVA data and developed a Panel Vector Autoregression (PVAR) model to analyse the dynamic relationship between passenger activity, freight throughput, aircraft movements, and productivity.
  - ⇨ **Statistical Analysis:** Applied panel unit root testing, logarithmic transformations, lag selection (AIC/SC), Granger causality, and Impulse Response Functions (IRF) to assess causal relationships and quantify dynamic effects.
- **Result:**
  - ⇨ **Research Findings:** Identified a significant causal relationship between passenger traffic and regional productivity ($\beta = +0.0183$, $p < 0.01$), while freight throughput responded to productivity growth rather than acting as its driver ($Z = 3.382$, $p < 0.01$).
  - ⇨ **Policy Impact:** Produced evidence-based recommendations on airport connectivity, flight frequency, and operational efficiency to support regional productivity, infrastructure investment, and strategic transport planning.

COMMUNITY SERVICE & EXTRA CURRICULAR

Assistant, Food Cycles Exeter, United Kingdom — Nov 2024 – Oct 2025

- **Key Responsibilities:**
  - ⇨ Managed food collection, inventory, and distribution processes, ensuring accurate tracking and needs-based allocation to vulnerable individuals and shelters.
  - ⇨ Coordinated charity event logistics, including venue setup, donor engagement activities, and overall event execution.
- **Key Achievements:**
  - ⇨ Distributed an average of 285 meal portions per month, significantly enhancing food security for vulnerable communities and shelters.
  - ⇨ Recognised as Top Volunteer (Q4 2024) for outstanding reliability, consistency, and dedication to delivery operations.

Media & Events Assistant, CFA Community of Vietnam, Vietnam — Feb 2022 – Jul 2024

- **Key Responsibilities:**
  - ⇨ Supported planning and execution of two annual flagship events (100+ attendees), ensuring smooth delivery and coordination.
  - ⇨ Managed digital communications and content, ensuring full alignment with CFA standards and guidelines.
  - ⇨ Designed and distributed post-event surveys to capture attendee feedback.
- **Key Achievements:**
  - ⇨ Improved member engagement by 7% through data-driven analysis of event feedback and content refinement.
  - ⇨ Contributed to successful delivery of high-profile events with consistently positive attendee experience.