

NKOSENHLE MSWABUKI

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EDUCATION

Durham University

Durham, County Durham

BSc Joint Honours in Chemistry and Physics (Expected Grade 2:1) | Sept 2024 - Jun 2027

- **Practical Performance:** Scored 71.4% (1st Class) in Physics Practical and 69.3% in Chemistry Practical laboratories
- Applied LINEST regression, numerical modelling, and Python/Excel to analyse complex, incomplete datasets

Eltham College

Mottingham, London

A-Levels: Mathematics (A*), Physics (A*), Chemistry (A*) | June 2024

WORK EXPERIENCE

Ernst & Young

Canary Wharf, London

Extended Assurance Work Experience Placement | Sept 2025 & Sept 2026

- Researched regulatory, compliance, and operational risk frameworks, including FCA and anti-money laundering requirements, while evaluating how corporate banking models assess credit risk and counterparty exposure
- Evaluated regulatory compliance and internal risk controls for a Tier-1 bank during the implementation of a new enterprise financial system, analysing operational risk mitigation frameworks
- Supported senior partner advisory engagements with Tier-1 bank executives across Investment Banking and Corporate Banking divisions
- Collaborated with the sector-lead partner on executing quality assurance and structural reviews on client-facing advisory decks, refining layout, visual clarity, and data ahead of executive delivery

Private Tutor - Mathematics & Physics (A-Level)

Sept 2023 - Present

- Delivered one-to-one Mathematics, Chemistry and Physics tuition to up to six students a week alongside a full course load; record includes students securing Durham offers and raising grades from C/B to A/A*

Durham University Ambassador

Durham, County Durham

Sept 2025 - Present

- Represented the University to 1,000+ prospective families during open days while training and mentoring four new ambassadors on tour routes, visitor relations, and complex query resolution

FINANCIAL MODELLING & VALUATION

UK Utilities: Working Capital, Debt Capacity & DCF Valuation

Independent Project | Jun 2026

- Developed a framework to investigate the relationship between weather volatility and corporate treasury liquidity risk and debt capacity across six UK-regulated energy and water utility companies (National Grid, United Utilities, SSE, Centrica, Severn Trent, Pennon Group), using company financials and S&P Global data
- Constructed a 4-year working-capital model for 2 core utilities, extended to 4 peers; analysed Cash Conversion Cycle trends to evaluate debt capacity, liquidity headroom, and refinancing risk, building a scenario engine estimating billing-delay impacts of 10-23% of liquidity buffers by FY2028E
- Built a WACC-adjusted DCF/FCFF model projecting £97m–£1,803m EV impairments (reviewed by a Corporate Finance Partner at Bishop Fleming); showed Pennon suffered worse proportional liquidity erosion than Centrica despite lower absolute trapped cash.
- Utilised Python scripting (pandas, Matplotlib) to automate data extraction and visualisation from Excel financial statements, designing and executing manual data validation protocols to ensure model integrity

EXTRACURRICULARS & ACHIEVEMENTS

Josephine Butler Finance Society

Durham, County Durham

Oct 2025 - Present

- Produced market research and analysis on FinTech platforms, including a market-mapping report covering over 25 platforms and assessing competitive advantages, business models, and market positioning to inform a final investment recommendation

Josephine Butler College Mixed Netball Society

Durham, County Durham

Sept 2025 - Present

- Voted Player of the Season (out of 60+ members) for exceptional performance, reliability, and team dedication

SKILLS & CERTIFICATIONS

The Financial Edge (Felix) - The Investment Banker: Completed analyst-level training covering Three-Statement & Cash Flow Modelling, DCF & WACC Valuation, LBO Mechanics, M&A Accounting, Trading & Transaction Comparables, Debt Capacity Analysis, Acquisition Finance, and Working Capital Forecasting

Certifications: Bloomberg Market Concepts (BMC), Bloomberg Finance Fundamentals (BFF), Goldman Sachs Operations (Forage)

Analytical & Software Skills: Advanced Excel, PowerPoint, Statistical Regression & Quantitative Data Analysis

Interests: Cooking, Football, Music, Web & Browser Extension Development