

SZYMON WYROZUMSKI

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EDUCATION

Taunton School Sixth Form

2021 – 2025

A Level Grades: EPQ(A*), Mathematics (A*), Further Mathematics (A), Economics(A), Latin (A)

GCSE Grades: 999999888, including 999 in Physics, Biology, Chemistry, 9 in Mathematics and 8 in English Language

EXPERIENCE

Honeywell Aerospace (Yeovil)

Software Engineering September 2025

- Engaged with full-stack internal tool development for managing employee deadlines (SQL, JavaScript, HTML, React).
- Incorporated advised changes and implemented Webflow to create a smoother user experience.

Advanced Test Engineering September 2025

- Contributed to design and testing of drone components for onboard pressure and temperature monitoring systems.
- Assisted engineers with evaluation of commercial aircraft components (bleed and non-bleed cooling systems). Gained exposure to TRL levels in the design process while observing work on contrail removal systems.

Albert Goodman (Taunton)

Corporate Finance August 2024

- Calculated share price for new shares using beta and through looking at comparable businesses in a similar sector.
- Engaged in various aspects of the valuation process using EBITDA, EBITDA multiples, and DCF's.
- Attended live acquisition meetings, recognising the importance of client relationships and synergies.

Management Information Systems August 2024

- Automated the creation of purchase orders and invoices for a business with my training in Excel, Power Query and Pivot
- Met with clients to streamline management systems, integrating accounting software (Xero, Sage, FreeAgent).

InvestIN (London)

Investment Banking Insight March 2024

- Placed in the top 10% in both of two paper trading sessions, managing position size and reacting to news.
- Recognised as one of 3 groups of 50 for most accurate valuation using EBITDA multiples and peer analysis.
- Lectured by current Investment Bankers with experience in Debt Capital Markets and Equity Research.

PROJECTS & COURSES

Machine Learning (Python)

September 2025

- Used convolutional neural networks with TensorFlow, NumPy and Pandas to recognise handwritten and hand-held numbers. Created my own database for both applications, overcoming issues with quality and quantity of data.
- Gained a 2-5% increase in returns with neural network predictive Machine Learning models that incorporate macroeconomic indicators for returns in FX markets, comparing this strategy to only using price-action strategy. Used available data from the past 10 years for EUR/USD, JPY/USD and GBP/USD.

Imperial College London, Mathematics for Machine Learning Specialisation (MOOC)

August 2025

- Course components: Linear Algebra, Principal Component Analysis, Multivariate Calculus.
- Key modules: Linear transformations, Gaussian Elimination, the Gram-Schmidt process, Eigenvalues and vectors.
- Recreated Google's 'PageRank' algorithm, ranking web pages based on interconnectedness. Grade achieved: 98%.
- Implemented my skills in multivariate calculus to train neural networks and for backpropagation.

Extended Project Qualification (EPQ), High-Frequency Trading (HFT)

March 2025

- Researched the impact of HFT activity on trading strategy, market efficiency, and regulation. (5000-word written report).
- Investigated ML-integrated trading strategies such as the 'fuzzy' framework for statistical arbitrage, compared to 'crisp'.
- Read some of the most relevant research papers in markets such as Eugene Fama's 'Efficient Capital Markets'.
- Described modern approaches to HFT regulation and potential issues arising in areas such as ethics and AI integration.

ACTIVITIES & INTERESTS

Combined Cadet Force

2021 – 2025

- Advanced from Cadet to Corporal within the CCF, completing CFIT (Cadet Forces Instructional Techniques).
- Lead a team of 10 younger cadets on a field exercise as 1st in command of a section.
- Individually recognised by Commanding Officers for successful and swift completion of tasks.

Competitive Swimming

2019 – 2024

- 2022 South West Winter Championships – Champion
- 2022 English Swimming Summer Championships – Finalist (4th)
- 2023 British Swimming Summer Championships
- 2023 English Swimming Winter Championships