

Dylan I. Winters

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EDUCATION

Imperial College London

MEng Electrical and Electronic Engineering (expected First Class, 70+%)

London, England

Oct 2022 – Jun 2026

- **Selected Modules:** Machine Learning in Neuroscience (top grade), Topics in Large Dimensional Data Processing (top grade), Deep Learning, Machine Learning, Machine Intelligence for Finance

EXPERIENCE

Project Manager and Software Developer

Robots4ChildrenWithDisabilities - Imperial College

London, England

Apr 2025 – Jul 2025

- Led a team to build a predictive assistance robotic companion for children with motor disabilities.
- Developed an adaptive ML system to dynamically tune gameplay difficulty based on user performance and behaviour.
- Built the UI and computer-vision head-tracking pipeline using OpenCV & MediaPipe, integrating with control systems.
- Delivered the final demo and pitch to stakeholders.

Data Intern

Pactio Technologies Limited

London, England

Sep 2024 – Oct 2024

- Prepared, cleaned and structured transaction-proposal data to feed ML training pipelines.
- Analysed proposal structure and metadata patterns to support a template-learning document model.
- Assisted in evaluating early model outputs to improve structural consistency and reliability.

Private Equity Analyst and Software Engineering Intern

Gaman Succession – Search Fund

London, England

Jun 2024 – Sep 2024

- Trained supervised ML models using Python to improve robustness and consistency of company valuation scoring.
- Built a predictive web-scraping pipeline to prioritise and surface high-potential acquisition targets.
- Automated processing of 700K+ multi-column records using Python and SQL, enabling faster data-driven investment decisions.

Consultant

180 Degrees Consulting

London, England

Dec 2023 – May 2024

- Led analytics-driven UX improvements, increasing website visits by 85% and user retention by 49%.
- Collaborated with stakeholders to translate business goals into measurable digital KPIs and experiments.

SKILLS

- **Languages:** Fluent in English, French (DALF C1), and German (C1)
- **Computer:** Adept at using Python, SQL, Bloomberg, PowerBI, MATLAB, Swift, CSS, HTML

ADDITIONAL INFORMATION

- **Sport:** Imperial College Futsal
- **Interests:** Electronic music producer, film score composer