

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

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 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, 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, MATLAB, Swift, CSS, HTML

ADDITIONAL INFORMATION

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