

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

- **Relevant coursework:** Mathematics for Signals and Systems, Machine Learning, Deep Learning, Large Dimensional Data Processing, Probabilities and Statistics, Control Systems

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 the software stack, including a modular UI and an adaptive machine learning model that adjusted gameplay difficulty in real-time.
- Integrated all control systems, including head tracking using OpenCV and MediaPipe.
- Delivered the product pitch and demo.

Data Intern

Pactio Technologies Limited

London, England

Sep 2024 – Oct 2024

- Reviewed and analyzed 50 transaction proposals outlining corporate acquisitions.
- Responsible for inputting and organizing data into a database, training and evaluating a machine learning model.
- Ensured data accuracy and consistency to optimize predictive performance.

Private Equity Analyst and Software Engineering Intern

Gaman Succession – Search Fund

London, England

Jun 2024 – Sep 2024

- Conducted in-depth market research and financial analysis to identify 57 potential acquisition targets, building detailed financial models to assess company performance and industry trends.
- Built tools to automate the extraction, processing, and retrieval of large datasets (700,000+ multicolored entries) using SQL and Python.
- Tools were designed through an iterative, user-centric process. Gathered feedback from colleagues to ensure user experience fit needs of the team.

Consultant

180 Degrees Consulting – pro-bono services for non-profits

London, England

Dec 2023 – May 2024

- Responsible for assessing and improving the online presence of a client: increased number of website visits by 85% and user retention by 49%.

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