

Dylan Lannon
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Education

Northumbria University Computer Science BSc Sep 23 – Jun 2026
Achieved a high 2.1 in 2nd year, on track for a 1st class.

School/Sixth Form Sep 16 – Jun 2023
A-Levels: Psychology [A], Computer Science [C], Business [C]
GCSEs: 8 GCSEs 6s-4s including a 6 in Maths and a 5 in English

Projects

Logic Model Creator for Charities

- Built a prototype digital tool to help charities in the North-east design tailored Logic Models and identify performance metrics aligned with their Theory of Change.
- Implemented a decision tree recommendation system, guiding users through curated questions to produce personalised outcomes, activities, and impact measurements.
- Collaborated with How Might We Community as part of a university consultancy project, incorporating stakeholder feedback to improve the usability and accessibility.
- Delivered a scalable solution intended as a foundation for HWMC's future data stack SaaS platform.

Automated Lead Generation for Tradespeople

- Developed an automated system to help tradespeople discover new job opportunities by monitoring Facebook community groups.
- Implemented automated web scraping using Python and Playwright, with keyword detection across multiple trade categories.
- Integrated real-time Telegram notifications via API, enabling instant lead delivery.
- Built SQLite persistence and duplicate detection to ensure efficient, spam free operation.

Work Experience

Trading Assistant Aug 25 - Current
Sainsbury's (Thornaby)

- Operated tills, ensuring accurate handling of cash and card transactions.
- Assisted customers with queries, demonstrating problem solving and technical adaptability.
- Collaborated with team members to maintain store efficiency, meeting daily performance targets.
- Utilised digital systems for stock management and service monitoring, strengthening IT awareness.

Artificial Intelligence Content Evaluator Nov 24 – Apr 2025
Outlier (Remote)

- Evaluated AI-generated responses for instruction following truthfulness, fluency and clarity.
- Identified biases in AI outputs and provided corrective feedback to enhance model fairness.
- Debugged AI-generated code, ensuring proper syntax, functionality, and efficiency.
- Conducted data validation and annotation to improve AI model accuracy.
- Collaborated with junior data scientists to refine AI-driven decision making.
- Assisted in the fine-tuning of Large Language Models (LLMs) used in commercial applications.

Waiter Aug 23 – Sep 2023
The Manor House (Thornaby)

- Provided efficient table service, ensuring prompt delivery of food and drinks.
- Maintained a clean and organised dining area, quickly clearing the tables for new guests.
- Assisted bar staff by collecting glasses to keep service running smoothly.

- Engaged with customers professionally, enhancing their dining experience.
- Worked in a fast-paced environment, adapting to busy periods and handling multiple tables at once.

Front of House Staff

Aug 21 – Aug 2023

Melt Desserts (Thornaby)

- Delivered high-quality customer service, handling up to 100+ transactions per shift.
- Resolved customer complaints professionally, ensuring a 95% satisfaction rate.
- Managed cash and card payments, processing thousands of transactions accurately.
- Assisted in event planning and promotions, increasing foot traffic.
- Trained new staff on POS systems, customer interaction, and safety protocols.

Extra-Curricular Activities

Programme Representative

Sep 25 - Current

Northumbria University (Newcastle-upon-Tyne)

- Elected by peers to represent Computer Science students in academic meetings
- Communicate feedback between students and faculty to improve teaching quality and student experience
- Support initiatives enhancing wellbeing, inclusivity, and engagement across the programme.

Badminton Society

Sep 24 – Mar 2025

Northumbria University (Newcastle-upon-Tyne)

- Developed teamwork and strategic thinking by participating in competitive matches.
- Organised practice games, improving the team coordination.
- Enhanced discipline through regular practice and competition.

Skills

Languages: English (fluent), Swedish (Elementary), Python, JavaScript, CSS, HTML, C#, PySide, Flask, PHP, SQL, C++.

Certifications

Microsoft: Data Fundamentals (DP-900),	Oct 2025
Microsoft: Security, Compliance, and Identity Fundamentals (SC-900),	Sep 2025
Microsoft: Azure AI Fundamentals (AI-900),	Jul 2025
Microsoft: Azure Fundamentals (AZ-900),	May 2025
Electronic Arts , Software Engineering,	Sep 2024
Cisco , Introduction to Cybersecurity	Sep 2024
freeCodeCamp , Responsive Web Design	Jun 2024