PATRICK THOMAS DILLON

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Portfolio Website: https://p-tdillon.github.io/Patrick.T.Dillon-Portfolio/

Summary

Enthusiastic and technically skilled student entering year two of Computer Science degree at Loughborough University. Strong programmer with industrial experience. Seeking a placement year starting Summer 2026 until September 2027. Experienced in software engineering with a strong work ethic and good customer service skills. Dual US UK citizen able to relocate anywhere in the US or the UK.

Experience

Technology & Software Engineering Intern

Bravo Media, 145 W 28th Street, Manhattan, New York   07/07/2025 to 29/08/2025 (8 weeks)

Role Responsibilities:

Technology & Software Engineering Intern
Assist with coding, testing, and maintaining software applications
Collaborate with the team on development projects and improvements
Troubleshoot and optimize software for better performance

During my internship I contributed to various projects for external and internal clients, utilising Unity, C#, Github. Details of some of my projects are included in my portfolio.

Volunteer Team Member, Nottingham Industrial Museum   07/2024 to 09/2024

I volunteered as a Team Member at the Nottingham Industrial Museum, greeting visitors at the Front Desk, accepting payment, conducting guided tours and answering questions on the museum's artifacts, setting up displays and preparing exhibits.

Springpod Work Experience/Leeds Beckett University (online)   06/2024 to 07/2024

- Data Science Subject Spotlight
- Intro to Data Science and various applications in industry

Springpod Work Experience/Fujitsu (online)   07/2022 to 08/2022

- Wrote a proposal on using technologies to assist in smart cities.
- Explored cyber security tools used to prevent attacks.

Education / Qualifications

A Levels : Mathematics (A), Further Mathematics (B), Physics (A), Computer Science (A)

GCSEs : Mathematics 9 (A*), Physics 9 (A*), Computer Science 8 (A*), Chemistry 9 (A*) , Biology 8 (A*), English Language (A), English Literature 5 (C), Level 2 Project (A), Music 7 (A), French 7 (A), Design Technology 7 (A)

Skills

Programming Languages/Technologies

Python, Java, C++, C#, HTML, CSS, Javascript, PHP, SQL, Github

Programming Certificates

- Complete Python Mastery
- Ultimate C++ Part 1: Fundamentals
- Ultimate Javascript Part 1: Fundamentals
- AI Hackathon: Loughborough University certification

Customer Service

As a Team Member at the Nottingham Industrial Museum I worked with the general public to enhance the visitor experience

Accomplishments

Nottingham High School Foundation Award for excellent A Level Results (Awarded 2024)

Nottingham High School Foundation Award for excellent GCSE Level Results (Awarded 2022)

ABRSM Music Grades Achieved: Grade 6 Piano, Grade 6 Clarinet, Music Theory

UKMT Senior Mathematical Challenge Gold Award

British Algorithmic Olympiad Certificate

Hobbies and Interests

Volunteer Youth Group Leader (DBS checked), Clarinet, Church Band, Piano, Golf, Squash, Skiing, Chess, E-sports.