PATRICK THOMAS DILLON

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Summary

Enthusiastic first year student studying Computer Science at Loughborough University. Looking for a summer position in the computing field. Strong Python programmer. Also experience in customer service volunteering at a local museum.

Experience

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

Volunteer Tutor, Nottingham High School   07/2023 to 08/2023

I volunteered to tutor a middle school pupil from my school in mathematics over the summer. I designed and delivered lesson plans and the pupil retook the exam successfully.

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

- Work experience learning about technology at Fujitsu.

- Wrote a proposal on using technologies to assist in smart cities.

- Learned about cyber security and tools used to prevent attacks

Springpod Technology Work Experience (online)   07/2021 to 08/2021

- Studied use of technology in the workplace with emphasis on software engineering.

- Attended a series of presentations from professional IT staff at all levels, from the Head of IT to software engineers.

Education

I attended The Colorado Springs School in the USA until age 12 (year 2019) then I attended Nottingham High School in the UK from 2019 until 2024. I started my BSc degree at Loughborough University in September 2024.

A-Levels:

Subject	Grade
Mathematics	A
Further Mathematics	B
Physics	A
Computer Science	A

GCSEs:

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

Skills

Programming

- I learned Python as part of my A Level Computer Science

- Self taught further Python, C++, Javascript, MySQL using online resources

- Continued developing Python skills at University

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)

I played clarinet in school band and church band

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

Clarinet, Piano, Golf, Squash, Skiing, E-sports