

Abbi Murray

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PROFILE

Third-year Software Development student at SETU Carlow with practical experience in IT and a strong ability to collaborate in team-based environments.

Skilled in Java, web programming, databases, data analysis and problem-solving.

Previous work in both technical and fast-paced production settings has developed strong teamwork, time management, and attention to detail.

Seeking internship opportunities starting in January 2025, to apply and expand technical knowledge in real-world projects.

Please see my portfolio linked above for more information on my projects.

TECHNICAL SKILLS

- **Languages:**
 - **Java:** Completed 2 years studying Java, Built an EV Charging System in Java, achieving a grade of 96% in the project and 91% in the overall module.
 - **PHP, SQL, HTML, CSS, JavaScript:** Took part in a team project which combined all of these to create a Car Rental Management System, achieving 93%.
 - Learning **C++** and **Python** this semester
 - **Web Technologies:** Microsoft SharePoint, Terminal 4
 - **Tools/Platforms:** Microsoft Power Automate, Microsoft Office, Excel
 - **Database Management:** SQL, Database Design
 - **Other Skills:** Data Normalization, Systems Analysis, Assembly & C Programming
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EDUCATION

Software Development | SETU Carlow

Sept 2022 – Expected 2025

- **Year 1 GPA:** 90%
- **Year 2 GPA:** 86.83%

Key Modules (Year 3):

- Semester 1: Discrete Structures and Algorithms, Operating Systems, Cloud development, python, Software Engineering, Advanced Programming in C++

Key Modules (Year 2):

- **Semester 1:** System Analysis and Testing 92%, Object-Oriented Programming 90%, Web Programming & Databases 98%, Data Structures & Algorithms 85%, Digital Logic
 - **Semester 2:** Assembly & C, Discrete Structures 92%, OOSD 2 91%, Web Programming & Databases 2 87%, Team Project 93% (Car Rental Management System)
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WORK EXPERIENCE

IT Summer Student | Kildare County Council

July – Sept 2024

- Developed an updated Continuous Professional Development site using SharePoint.
- Automated workflows and created forms with Microsoft Power Automate.
- Tested internal and external booking systems for council departments.

- Normalized data sets using Excel and SQL.

General Operative | Hazelbrook Confectionary

May – Sept 2023

- Contributed to production and packaging processes for confectionery products.

Apprentice Telecommunications Technician | Siro

Jan 2022 – Sept 2023

- Completed training in Network Installation, Health & Safety, Customer Service, and Restorative Practices.
- Gained practical experience in network installation and customer interaction.

INTERESTS AND ACHIEVEMENTS

- Participated in the **UNUM Summer Intern Taster Program** (June 2024).
- Volunteered at **SETU Waterford's Women in Technology Event** (2024), showcased an assembly game, and engaged with secondary students on SETU courses.
- Completed the **Sunlife Horizon Programme** (Jan - May 2024).

REFERENCES

Aine Byrne

Lecturer, SETU Carlow

Email: aine.byrne@setu.ie

Catherine Moloney

Lecturer, SETU Carlow

Email: Catherine.Moloney@setu.ie