

ABIGAIL MURRAY

EDUCATION

Sep 2022- 2025

Software Development • SETU Carlow

Year Three: Advanced Data Structures and Algorithms (94%), Cloud development (88%), Operating Systems (62%), Software Engineering (57%), Advanced Programming (50%), Work placement.

Year Two: System Analysis and Design (92%), Object Oriented programming (90%), Web programming and Databases (98%), Data Structures and Algorithms (85%), Digital Logic (69%), Assembly and C (60%), Discrete structures (92%), OOSD 2 (91%), Web programming and databases 2 (87%), Team project creating a car rental management system (93%).

Year One: Completed modules in Networking, Programming using Java, Computer Hardware, Mathematics, Operating Systems, Applications, and Interpersonal Communications

EXPERIENCE

IT Business Applications Intern | Kildare County Council

- Developed and maintained business applications using Microsoft Power Platform, including Power Automate, Power Apps (Canvas and Model-driven).
- Designed and automated workflows with Power Automate to streamline internal processes and improve efficiency.
- Contributed to the maintenance and content management of the company website, including updating and adding new content.
- Supported the backend management of booking systems by monitoring and optimizing associated Power Automate flows.
- Collaborated with cross-functional teams to gather requirements and implement application solutions aligned with business objectives.

IT Summer Student | Kildare County Council

- Revamped a Continuous Professional Development (CPD) site using SharePoint, enhancing user experience and accessibility.
- Designed Microsoft Forms and implemented automated workflows via Power Automate to streamline data collection and internal processes.



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<https://abbimportfolio.netlify.app/>

Technical Skills/Technologies

- Java
- HTML, CSS, JavaScript
- C++
- PHP
- SQL
- Microsoft Office
- Microsoft Power Automate
- SharePoint
- Terminal4

Soft Skills

- Time management
- Teamwork
- Communication
- Critical thinking

Achievements/Interests

- Member of the women in IT society in SETU Carlow.
- Took part in the Sunlife Horizon mentorship programme (Jan – May 2024).
- Volunteered at SETU Women in Technology event 2024.
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GPA Results

- Year 1 : 90%
- Year 2: 86.83%
- Year 3: Not yet known, complete third year in June 2025