

# Peter Murray

## Software Developer

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🌐 <https://github.com/petemurray45>

Enthusiastic and self-motivated software developer with a keen eye for detail currently studying for an MSc in Software Development at Queens University. Developed a wide range of software skills independently prior to the course in a range of frontend and backend software capacities with three different languages. Eager to apply these skills in the hope to work at the cutting edge of technology and to solve real problems that will improve peoples lives.

## Education

### Queens University

09/2025

- Master of Science, Software Development | Pending

### Ulster University

07/2022

- Bachelor of Science, Marketing | 2:1

### South Eastern Regional College

06/2017

- Certificate of Higher Education, Business Studies | Distinction, Distinction, Distinction

## Tech Projects

All Code available at [github.com/petemurray45](https://github.com/petemurray45)

### Game Library Web Page

This personal project involved the designing and implementation of a Game Library webpage wherein users can dynamically add games they have played or wish to play along with details such as hours played and whether it has been completed or not. This project was built on VSCode using HTML5, CSS3 and JavaScript.

### Ticketmaster Database Clone

This project was created as part of the Databases module within Queens MSc in Software Development. It involved working together in designated groups to discuss and design an ER Diagram that each member would then implement individually in MySQL. Finally each individual database was recorded and narrated through an example of its use, justifying relationships and key design decisions.

### Aircraft Trafficking System

This project was built personally in preparation for an exam within the Programming module of Queens MSc in Software Engineering. It was built using Java and addresses the management of several different types of aircraft, along with custom search methods for the aircraft. This project displays competence in key programming principles such as abstraction, inheritance, polymorphism and testing.

## MSc Software Development - Key Modules

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- Programming - (76/100) - Final Exam Pending
- Databases - 66/100
- Computing Foundations - 66/100
- Software Development - Pending
- Web Development - Pending
- Final Semester Project - Pending

The MSc in Software Development is designed in collaboration with industry to provide a year of intensive education in software development. Within these modules are the tools to design robust and elegant software systems to solve problems. Along with the skills attained from the above mentioned modules, emphasis is given to team-based projects and software development providing a real world experience when it comes to solving problems and testing software.

### Skills

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- Java
- Javascript
- NodeJS
- HTML5
- CSS3
- Visual Studio Code
- Eclipse
- SQL
- Python
- DevOps
- Agile Development
- ExpressJS
- Google Analytics
- Microsoft Office

## Previous Experience

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### Assistant Manager | Fine Coffee Company

09/2021- 02/2024

- Collaborated with baristas and kitchen staff to ensure smooth operations during peak hours along with working closely with manager and owner to coordinate staff scheduling and optimise labour efficiency.
- Assisted in training and hiring of new staff members ensuring they were provided with the necessary tools to perform and integrate smoothly into the team.
- Addressed and resolved customer complaints by listening actively and providing tailored solutions to each issue.
- Co-led weekly team meetings to discuss goals and potential operational challenges and ensure appropriate preparations were made.
- Assisted in management of inventory by identifying supply shortages and arranging timely orders, preventing service disruptions.

### Digital Marketing Intern | Belvoir Park Golf Club

02/2020 - 08/2021

- Collaborated with management staff to plan and execute social media campaigns promoting events and membership offers.
- Created and scheduled engaging social media posts across platforms, tailoring messages to different target audiences.
- Drafted newsletters and email promotions for members regarding upcoming events and club news.
- Took initiative to analyse social media performance metrics and proposed data-driven strategies to increase reach and engagement.
- Addressed technical and design issues with the clubs website and coordinated with the IT provider to improve user experience.

## References

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- Peter Mulholland, Manager, Fine Coffee. Tel: 07591 686890 Email: hello@finecoffee.co.uk
- Paul Dickson, Lecturer, Ulster University. Tel: 028 9536 5131 Email: p.dickson@ulster.ac.uk