

# Padhraic Gorham

Software Engineer | Data Analyst

BA (Hons) | Mathematics and Economics (2015-2019), Postgraduate in Applied Statistics (2022-2023) | Master's in applied software engineering (2023-2024)

Dedicated and versatile software engineer with a solid foundation in mathematics, economics, and statistics, adept in Java application development and equipped with excellent communication, teamwork, and organizational skills.

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Github: [PadhraicGorham](#)

Website: [PGWebsite](#)

## EDUCATION

### MSc Applied Software Engineering

Technological University of the Shannon, Athlone

📅 2023 - present

**Modules:** Java fundamentals | Agile and software testing | Team project | Computer networks | Data architecture and Database systems | Data analysis and visualization | Object oriented programming I | Computer architecture and Cloud computing

### PGCERT Applied Statistics

Technological University Dublin, Dublin

📅 2022 - 2023

**Modules:** Applied Statistics | Linear and general regression models | Statistic programs and applications | Probability | Statistical inference

**Overall Result: 2.1**

### BSc (Hons) Mathematics and Economics

National University of Ireland, Galway

📅 2015 - 2019

**Modules:** Geometry | Linear Algebra | Algebraic Structures | Applied Statistics I | Macroeconomics | Money and Banking | Microeconomics | Public Economics

**Overall Result: 2.1**

## TECHNICAL SKILLS

Microsoft office | Python | C++ | SQL | RStudio | Jira | Git | CSS | Java | JSF | HTML | XHTML | Network | Packet Tracer | Tableau |

## HOBBIES/INTERESTS

I participate in team sports such as Gaelic Games. I enjoy travel, reading and playing guitar.

## REFERENCES

Excellent references available on request.

## WORK EXPERIENCE

### Gas Delivery Worker

Tulsk Fuels LTD

📅 Jan 2022– June 2023

📍 Roscommon, Ireland

Tulsk Fuels Ltd is a trusted agent of Flo Gas, specializing in nationwide gas cylinder distribution and services.

My role included:

- Nationwide gas cylinder delivery with a focus on prompt service and customer satisfaction.
- Conducting daily vehicle preventative maintenance checks.
- Efficiently organizing orders before departure for timely deliveries.
- Maintaining a clean and organized yard for streamlined operations.

### Construction Worker

Raymond Kerr Construction

📅 June 2019 – December 2021

📍 Toronto, Canada

Raymond Kerr Construction is a reputable mid-sized construction company based in Toronto, ON, Canada, specializing in diverse construction projects across the region.

My role included:

- Supported tradespeople on diverse construction sites across the city.
- Safely and efficiently managed heavy construction materials and operated power tools.
- Executed building and wall demolition tasks.
- Conducted maintenance, repairs, and upkeep of machinery and equipment.
- Contributed to various construction tasks on-site, demonstrating versatility and adaptability.

### Additional Experience

Various part-time jobs

📅 2016 – June 2019

📍 Roscommon, Ireland

## PROJECTS

### Gym Website

Waterside Gym Website | [View GitHub Code](#)

📅 June 2023- Aug 2023

- Developed a responsive gym website using XHTML, CSS, and JSF technologies.
- Enabled user-friendly navigation and interactive features with Java maven projects.
- Collaborated within a team of 4, utilizing Git for code management.
- Ensured cross-browser compatibility and optimized performance.
- Deployed the website successfully for online access.
- Provided post-launch support and maintenance.