

MAURICIO MURTA DE PODESTA

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[LinkedIn](#) | [GitHub](#) | [Personal Website](#)

Summary

• Committed, responsible and team oriented student. Currently on the **work placement** stage of my Computer Science degree, seeking a **full-time software development internship** to gain hands-on experience in the industry and apply the knowledge acquired throughout my studies.

Education

Griffith College Dublin

Feb 2020 - May 2024

Bachelor of Science, Computer Science - Expected to graduate May 2024

• **Courses:** OOP in Java, Web Development, Algorithms & Data Structures, Operating Systems, Software Development, Network and Data Communication, Concurrent Development, Numerical Optimization.

Projects

React JavaScript Dashboard

Technologies used: React, Tailwind, Node.

• **Description:** With this project I aimed to leverage my skills on the core concepts of React and how they can be applied to build a dynamic and interactive web application.

- Learned and understood core React concepts: Components, states and hooks.
- Tailwind CSS framework used to cut down the styling process in 50%.
- Achieved familiarity with Node package manager throughout the project.
- [Project Link](#)

Database-Backed Web Site

Technologies used: HTML, CSS, JavaScript, MySQL, PHP

• **Description:** College project with the purpose of creating a full stack website for a company. The application can perform registration, login and fetch personal data from a structured database. Additionally, contains an admin dashboard where displayed content can be modified.

- Rated by 90% of the classmates as the best website on a class pool.
- Followed best security practices of input sanitization.
- Sticky forms to enhance user experience.
- PHP used on the back end to manage sessions and MySQL interactions.
- [Project Link](#)

Chatbot integrated with weather API

Technologies used: Java, JUnit5, Weather Map API, GitLab

• **Description:** College group project targeting to create a chatbot capable of basic conversation and provide user with real time weather data from API calls.

- Speech-to-text and text-to-speech feature using Google API.
- Implemented a HashMap for country codes that improved the performance from $O(n)$ to $O(1)$.
- Robust application achieved by integration and unit testing.
- [Source Code Link](#)

Skills

Languages: Java, PHP, JavaScript, Python, HTML & CSS.

Technologies: MySQL, React, Unix shell, Git, Burp Suite, Metasploit, PyQt5, Tailwind, Node.

Certificates: Jr Penetration Tester, Pre Security Learning Path - tryhackme.com

Awards: In the top 2% out of 1,5 million users at learning platform - tryhackme.com

Professional Experience

Costa Coffee

Dublin, Ireland

Barista

Sept 2021 – Jan 2023

- Trained entire staff of 3 baristas in summer seasonal campaign offerings and procedures.
- Pushed sales of side options by 50%.
- Demonstrate exceptional and courteous customer service.
- Helped to achieve a Costa Check score of 96%.

Subway

Dublin, Ireland

Team Leader

Aug 2019 – May 2020

- Ordered precise quantity of supplies at Musgrave.
- Increased loyalty card emission by 30% in December.
- Trained new employees following brand standards.
- Monitored the performance of sales and worked to increase team morale and motivation.

Interests

Cyber Security – Stock Market – Learning – Geopolitics – Italian – Podcasts – Astronomy