

MARIO PORTILLO HERNAIZ

Aspiring Software Engineer

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EDUCATION

BSc. Computer Science Degree

Loughborough University – Concludes in 2025

Grades:

- First year Overall 1:1 (First-class grade)

A-Levels

Ashcroft Technology Academy

Grades:

- A-Levels: A in Mathematics, B in Computer Science, C in Further Maths.
- AS Levels: A in Mathematics, B in Physics and Further Maths, C in Computer Science.

GCSE's

St Thomas More Language College

Grades:

- Grade A*: Maths & Spanish
- Grade A: Physics & English
- Grade B: Comp Sci, Chemistry, Biology, RE, Further Maths
- Grade C: French

PROJECTS

Team Project – HTML/CSS/PHP/SQL/JavaScript

University Coursework Project, 73%

- *Worked in a diverse team of 6 students for the creation of a productivity and management system website. Like in the real world, we communicated with the client often and used the Agile Scrum methodology to get the functionality and teamwork we needed.*

Computer Accessory Shop – Java – Object-Oriented Programming

University Coursework Project, 88%

- *Computer Accessory Shop which handled a (made-up) business shop's activity. It listed items which let users add to basket and buy them.*

Wedding Venue Booking – HTML/CSS/PHP/SQL/JavaScript

University Coursework Project, 93%

- *A website which finds a suitable wedding venue based on different inputs. Data was retrieved from a SQL database*

Personal Website – HTML/CSS/PHP/SQL/JavaScript

Personal Project

- *My personal website where I plan on updating with future projects and experiences.*

Voice Recognition AI – C++

Personal Project

- *Created my own voice recognition AI using an open-source hardware platform called "Arduino UNO".*
- *This piece of hardware received a voice input through a microphone and outputted a reply through a set of speakers. I named it "OTTO".*

Library Management System – Python

University Coursework Project, 78%

- *Library management system which uploaded, ordered, displayed, and created a ranking of books. Developed using tkinter user interface.*

SKILLS

- Python
- Java
- C++
- HTML/CSS
- JavaScript
- Object-Object Programming
- SQL

LANGUAGES

- English – Fluent
- Spanish – Fluent

EMPLOYMENT

Web Developer - Free-Lance Project

All city Cleaning – 3 Months, 2022

- *Contributed directly towards the digital transformation and early development of a cleaning company.*

Student Ambassador

Loughborough University – 2 Months, 2022

- *Responsible for talking with prospective students and touring them around the accommodation in Open Days at Loughborough University.*

Assistant and Maintenance Surveyor at HS2

Dragados, Geocisa UK – 3 Months, 2021

- *Maintaining and updating software databases used to track movement from the Victoria Line underground station.*

Coach Assistant

Leander Swimming Club – 3 Years, 2019-2022

- *Overseeing of swimmer's progress helping them to improve their technique and support the coach in different session activities*

INTERNSHIPS

Internship with the Global Assurance Team

ArcelorMittal, 2019

- *Worked in the audit role at the 'ArcelorMittal centre of excellence for tools and technologies.*

Internship at the Project Bank Station Capacity Upgrade (TFL Project)

Dragados (ACS Group), 2018

- *Providing assistance to Station designers and engineering team in the detailed design of the new underground station.*

ACHIEVED POSITIONS

Media Co-ordinator

Media Coordinator for the Loughborough's AU Kickboxing Team – 2022 to Present

- *Responsible for increasing the attraction of the club through its social media pages and keep them up to date. This is a big role as I have to take on the job of expanding the team and keeping a positive view of it.*

Social Student Involvement Officer

Social SIO for the Loughborough's Computer Science department – 2022 to Present

- *Responsible for creating and organising social activities and events for the Computer Science department. This also involves planning, budgeting, and advertising future events.*

Club Captain

Club Captain for the Leander Swimming Club – 2019 to 2021

- *Being the Captain of the team, I had the responsibility of becoming the "middleman" between the swimmer and the coach. This meant I had to make sure the swimmers did the work during their session and sometimes lead it when the coach was dealing with something else.*

Senior Prefect

Senior Prefect which represented one of the five houses in my secondary school – 2018 to 2019

- *Had many responsibilities such as monitoring younger students, working as a librarian, tutoring Maths students and assisting with Open Days. During Open Days and other events I had to speak to and tour prospective students.*