

# MARIO PORTILLO HERNAIZ

## BSc. Computer Science Student

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## SKILLS

Python  
Java  
HTML, CSS,  
JavaScript  
C++/C#  
SQL  
Davinci Resolve  
Microsoft Office

## LANGUAGES

English  
Full Professional  
Proficiency

Spanish  
Full Professional  
Proficiency

## ACHIEVED POSITIONS

Media Co-ordinator  
for the Loughborough  
AU Kickboxing Team.  
2022 – Present

Social Student  
Involvement Officer  
for the Loughborough  
Computer Science  
department 2022 –  
Present

Club Captain for the  
Leander Swimming  
Club. 2019-2021

Senior Prefect which  
represented one of  
the five houses in my  
secondary school.  
2018-2019

## WORK EXPERIENCE

### Student Ambassador

Loughborough University

07/2022 & 09/2022

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

### Free-Lance Project

All City Cleaning

Summer 2022

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

### Assistant and Maintenance Surveyor at HS2

Dragados, Geocisa

07/2021 – 09/2021

- Maintaining and updating software databases used to track movement from the Victoria Line underground station.
- Managing and installing gateways which connect with total stations and other surveying equipment.

### Coach Assistant

Leander Swimming Club

03/2019 – 10/2019 and 04/2021 – 09/2021 and 07/2022 – 09/2022

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

## INTERNSHIPS

### Work experience with the Global assurance team.

ArcelorMittal

July 2019

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

### Work experience Project Bank Station Capacity Upgrade (TFL project)

Dragados (ACS Group) UK & Ireland

July 2018

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

## EDUCATION

### BSc. Computer Science degree

Loughborough University

09/2021 – Present

Grades:

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

### A-Levels

Ashcroft Technology Academy

08/2019 – 07/2020

Grades:

- Mathematics: A (A-Level), A (AS Level)
- Further Maths: C (A-Level), B (AS Level)
- Computer Science: B (A-Level), C (AS Level)
- Physics: B (AS Level)

## PROJECTS

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### Voice Recognition AI

C++

Personal Project – Summer 2021

*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".*

### Embedded System on Arduino

C++/C#

University Coursework Project

*Consisted of programming an embedded system to save and display a set on channels on an LCD display. Had to play around with ROM to save data in the most optimal way since the memory size was small.*

### Library Management System

Python

University Coursework Project

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

### Computer Accessory Shop

Java

University Coursework Project

*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 Site

HTML/CSS/PHP/SQL/JavaScript

University Coursework Project

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

## ACHIVEMENTS

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### Duke Of Edinburgh Gold Award

Summer 2021

*Completed both Bronze and Gold awards. Both awards consisted of Volunteering between 3-12 months, completing a Physical activity for 6-18 months and taking part in a Skills activity for 3-12 months. In order to complete these awards, I took part in a 2 day walking expedition for my Bronze award and a 5 day expedition for my Gold.*

### London Youth Games 2019

Summer 2019

*Selected to swim and represent Lambeth Council in the 50meter Breastroke race winning 3rd place.*

### National Citizen Service

Summer 2018

*Worked with teammates from a diverse range of backgrounds to develop charity projects and learned to deliver speeches to large audiences on this program, which boosted my confidence and my social and communication skills.*