

MARIO PORTILLO HERNAIZ

BSc. Computer Science Student

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SKILLS

Python

Java

HTML

CSS

JavaScript

C++/C#

SQL

Microsoft Office

Davinci Resolve

LANGUAGES

English

Full Professional
Proficiency

Spanish

Full Professional
Proficiency

VOLUNTARY 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

EDUCATION

BSc. Computer Science degree

Loughborough University

09/2021 – Present

Grades:

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

A-Levels

Ashcroft Technology Academy

08/2018 – 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)

GCSE's

St Thomas More Language College

08/2015 – 07/2018

Grades:

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

PROJECTS

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 of 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.

EMPLOYMENT

Free-Lance Project

All City Cleaning

Summer 2022

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

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

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.

ACHIVEMENTS / INTERESTS

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.