MARIO PORTILLO HERNAIZ
BSc. Computer Science Student

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SKILLS

- Python
- Java
- HTML
- C++/C#
- Object-Oriented Programming
- JavaScript
- SQL
- CSS
- Microsoft Office
- Davinci Resolve

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*

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

GCSE's
St Thomas More Language College
08/2015 – 07/2018
Grades:
- Grade A*: Maths & Spanish
- Grade B: Comp Sci, Chemistry, Biology, RE, Further Maths
- Grade A: Physics & English
- Grade C: French

PROJECTS

Team Project
HTML/CSS/PHP/SQL/JavaScript
University Coursework Project
- *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 daily and used the Agile Scrum methodology to get the functionality and teamwork we needed.*

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".*

Computer Accessory Shop
Java – Object-Oriented Programming
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.*

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.*

Wedding Venue Booking Site
HTML/CSS/PHP/SQL/JavaScript
University Coursework Project
- o *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
- o *Contributed directly towards the digital transformation and early development of a cleaning company.*

Student Ambassador
Loughborough University
07/2022 & 09/2022
- o *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
- o *Maintaining and updating software databases used to track movement from the Victoria Line underground station.*
- o *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
- o *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
- o *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
- o *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 Breaststroke 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.