

MARIO PORTILLO HERNAIZ

Aspiring Software Engineer

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Education

Loughborough University <i>Bachelors of Science in Computer Science with Placement Year</i> <ul style="list-style-type: none">First & Second Year: 1:1 (First Class)	Oct. 2021 – Jun 2025 Loughborough
Ashcroft Technology Academy Achieved ABC in A Levels (Maths, Comp Sci, Further Maths)	Sept. 2018 – Jun 2020 London
St Thomas More Language College Achieved 10 GCSE's	Sept. 2015 – Jun 2018 London

Experience

Avco Systems <i>Software Developer Intern</i>	Jul 2023 – Present Slough
All City Cleaning <i>Web Developer – Free Lance</i> <ul style="list-style-type: none">Contributed directly towards the digital transformation and early development of a cleaning company.	Summer 2022
Loughborough University <i>Student Ambassador</i> <ul style="list-style-type: none">Responsible for talking with prospective students and touring them around the accommodation in Open Days at Loughborough University	Summer 2022 Loughborough
Dragados – Geocisa UK <i>Assistant and Maintenance Surveyor at HS2</i> <ul style="list-style-type: none">Maintaining and updating software databases used to track movement from the Victoria Line underground station	July 2021 – Sept. 2021 London

Projects

Voice Recognition AI C++ Personal Project <ul style="list-style-type: none">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.

Team Project HTML, CSS, PHP, SQL, JavaScript University Coursework Project <ul style="list-style-type: none">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.
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Neural Network – AI Java University Coursework Project <ul style="list-style-type: none">The Artificial Neural Network - specifically a Multi-Layer Perceptron (MLP) – was trained using Backpropagation.In this project, I pre-processed data, implemented an algorithm, trained and selected the network, evaluated the model and compared it with another model.

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, SQL, PHP, C++, OOP, Web-dev languages

Achieved Positions

Media Co-ordinator: Loughborough AU Kickboxing Team.	2022 – 2023
Social Student Involvement Officer: Loughborough Computer Science department	2022 – 2023
Club Captain: Leander Swimming Club.	2019 – 2021
Senior Prefect: Represented one of the five houses in my secondary school.	2018 – 2019