

Adolfo López Herrera

Second Year Computer Science Student at University of Nottingham with a keen interest in Data Science.

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EDUCATION

University of Nottingham, UK — *BSc Computer Science*

SEP 2019 - PRESENT

Relevant Modules include Software Engineering, Programming Paradigms, Programming and Algorithms and Fundamentals of Artificial Intelligence. With an average of a First Class Grade for the 1st year.

Aloha College, Spain — *International Baccalaureate, IGCSE*

SEP 2015 - JUN 2019

37 points, including English B (7), Business Management (6), Physics (4), Spanish A Language and Literature (6), French B (6), Mathematics (6).

10 iGCSEs at grade A or A* including Mathematics (A), Physics (A) and ICT (A*).

EXPERIENCE

Aloha College, Spain — *Warehouse Database Management*

AUG 2020

This job consisted in updating and maintaining the school's book databases. Developing efficient ways to sort and add to the data.

PROJECTS

1st Year University Projects — *Coursework*

Various projects completed such as: Cellular Automata Patterns in C, Minesweeper in ARM and Java, Encoding and Decompression in Haskell and Front-end and Back-end of a Website based on a Film Database.

Data Visualization — *Python*

Analysed various sample datasets including a statistical representation of weather conditions in the Death Valley and created visualizations with Matplotlib and pygal.

Facebook Database Analysis — *MATLAB*

Implemented regression, decision trees and neural networks of a Facebook dataset in MATLAB for prediction and classification. Used this data to build Machine Learning models and wrote a report using the data produced to analyse the results.

SKILLS

- Experience in Java, C, Python, MySQL and MATLAB and more.
- Capable in Data Visualisations and Artificial Intelligence (Neural Networks).
- Collaborative and Communicative.
- Organised and Productive.

VOLUNTEERING ACHIEVEMENTS

Becoming a House captain for my whole school proved to be challenging but also very rewarding. Speaking in front of hundreds of people allowed me to improve as a public speaker. I led and coordinated meetings with other captains and tackled problems in the system with creative solutions.

Constituting to the BE KIND campaign committee, in which we tried to bring awareness to bullying by creating events and setting measures to prevent any sort of harassment to happen within our community.

Forming part of the Crisis Committee for the LyonMUN Model United Nations, required me to cooperate with my fellow delegates and to be persuasive.

LANGUAGES

NATIVE OR BILINGUAL PROFICIENCY
English & Spanish

LIMITED WORKING PROFICIENCY
French