



# Juan Manuel Ruiz Fránquiz

## COMPUTER SCIENCE GRADUATE



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## SOFT SKILLS

Communication  
Teamwork  
Motivation to learn  
Creativity

## TECH STACK

React | Python | Git |  
JavaScript | HTML | CSS  
Angular | Java | SQL |  
Ruby on Rails

## LANGUAGES

Spanish: native

English: proficiency level

Cambridge Advanced Exam (C1) passed with  
C2 level

German: basic level

## EDUCATION

### Computer Science

University of Las Palmas de Gran Canaria | 2017 - 2021

- Computer Science degree with intensification in Information Technologies.

### Computer Science - ERASMUS exchange

AGH University of Science and Technology | 2019 - 2020

- Studied the third year of Computer Science in Kraków, Poland as part of the ERASMUS program.

### Other certificates

- Introduction to Big Data.
- The Bits and Bytes of Computer Networking.
- HTML, CSS and JavaScript for Web Developers.
- Financial Markets (with honors).

## EXPERIENCE

### Secret Source

Internship | September 2020 - January 2021

- Worked in a SCRUM environment to help create part of a website for a client in the UK.
- All the project was done using React.

## PROJECTS

### New York realtime traffic prediction

Python | TensorFlow | React

- My end of degree project. It was graded with a 9.7/10 with honors.
- The first part of the project is in charge of creating the predictive models for New York's traffic using historical traffic, air quality and climate data.
- It also collects New York's data in realtime, which is passed to the model to generate predictions.
- Generates predictions for 26 streets in Manhattan.
- The predictions generated are visualised in a webpage that offers the option to display a comparison between the real values of traffic and the ones predicted by the model throughout the time.

### Classic Fun Games

React | React Router

- Webpage that contains an implementation of several classic games such as 'Sudoku', 'Memory Game' or 'Connect 4'.
- Difficulty selection for some games.

### Dulce Capricho

Ruby on Rails | MySQL | HTML, CSS & JavaScript

- Website for a confectionery shop.
- Allows the user to select and customize products, and to make an order.
- Implements an administrator view where elements of the webpage can be modified and the orders can be visualised.