

As a Data Scientist I have been able to combine my passion for programming with the analytical and problem-solving skills I acquired in my Physics degree. I have always tried to complement my academic knowledge with multidisciplinary skills that allow me to integrate new tools in my work and personal projects.

So far I have been able to apply these skills in the different research projects in which I have participated and in which I have always played the role of the main developer of computational tools, such as simulations, predictive modelling and data acquisition programs, and which have led in some cases to the publication of scientific papers in journals and conferences. Having gained experience in the academic world, I would like to join a company in which I can apply all my knowledge and skills and be able to gain experience in the business world.

COMPUTER SKILLS

Python R SQL C/C++
git MatLab Java Fortran
bash

Django Javascript HTML
CSS

LANGUAGE

Spanish ●●●●●
English ●●●●●

FORMATIVE ASSESSMENT

HACK2PROGRESS IV edition

CIC Consulting Informático

Particle Physics Master Classes

IFCA, UC, IPPOG

Local phase of the LI and L Spanish Mathematical Olympiad

UC

IV Prize Cantabria of Juvenile essay

SoCFia

Astronomy Course

Observatorio Astronómico de Cantabria

Experience

Laboral

2020–2021

Researcher, *University of Cantabria*, Santander, Department of Chemical and Biomolecular Engineering.

Participation as a contracted researcher in the project: "CONTAMINACION ATMOSFERICA Y COVID-19: ¿QUE PODEMOS APRENDER DE ESTA PANDEMIA?" funded by the BBVA Foundation

2018

External Internship, *Intituto de Física de Cantabria*, Santander, High Energy Physics and Instrumentation group.

Main developer of MULTI-DAQ, a data acquisition software for an experiment of the measure of the muon life time in C++

Sports

2012–2019

Handball Referee, *Cantabria*, Top Regional Referee and several National-level Championships.

Vocational

2013–2016

Caritas, *San Jose parish*, Managing packing and distribution of food for families in need.

2016–2018

Member of the Physics Mentor Group, *Santander*, Group founder by students and aimed to help other students, Collaborated with UC in some activities.

Education

University Studies

2019–2021

Master in Data Science, *Universidad de Cantabria*, Santander, Specialization Module: *Data Science Analytics*.

2015–2019

Degree in Physics, *Universidad de Cantabria*, Santander, Mention in Fundamental Physics.

Including additional training in Computer Engineering's subject Databases

Pre - University Studies

2013–2015

International Baccalaureate, *Instituto Santa Clara*, Santander, High School Studies.

Studied simultaneously with "Bachillerato Nacional" and completed in two years following High School's schedule