

Arturo Prieto Tirado

Curriculum Vitae

EDUCATION

SEPTEMBER 2020- SEPTEMBER 2021

CARLOS III UNIVERSITY OF MADRID

Master in Statistics for Data Science

Key Concepts: **Regression Models, Python, R, Data management, Statistics, Supervised and Unsupervised Learning, Machine Learning.** Average grade: **8.86/10**

SEPTEMBER 2019-JUNE 2020

UNIVERSITY OF OSLO (NORWAY)

Master in Physics (ERASMUS+)

Thesis: "W' and Z' bosons search with the ATLAS detector at the LHC". Use of **Large quantities of Data and Statistical Analysis** with **Python and C++**. [+Info](#)
Grade: **10/10**

SEPTEMBER 2016-JUNE 2020

UNIVERSITY OF CANTABRIA

Physics Degree (Fundamental)

Average grade: **8.36/10**

WORK EXPERIENCE

2019 **Helen Edwards Summer Internship (U.S.A.)**
3-month internship at Fermilab (Chicago) with project "Self-Consistent Optics with Strong Space Charge": **modelling** and **optimization** of proton trajectories using **Python**. [+Info](#).

LANGUAGE SKILLS

SPANISH	Native
VALENCIAN	Native
ENGLISH	Cambridge English Advanced C1
ITALIAN	B2
NORWEGIAN	A2
FRENCH	A2
GERMAN	A1

PROGRAMMING SKILLS

OPERATIVE SYSTEMS	Windows Linux
ADVANCED KNOWLEDGE	Python R
GENERAL KNOWLEDGE	C++ HTML/CSS/JS Java Mathematica MATLAB Microsoft Office SQL
DOCUMENTS AND DASHBOARDS	LaTeX Python Dash Rshiny



PERSONAL INFORMATION

DNI: 48723689Y

Birth date: 06th of August, 1998

Place of birth: Alicante, Spain

Nationality: Spanish

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GitHub: [apt345](#)

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	arpriet@gmail.com

OTHER MERITS AND PROJECTS

- 2019 **Speed of Light measure project.** [+Info](#)
Optics Department. University of Cantabria.
- 2018 **Python Course: "Desde el escritorio, el data Science, hasta la web".**
Miguel Hernández University of Elche
- 2017 **Severo Ochoa Summer Student Programme**
Instituto de Física Corpuscular de Valencia. [+Info](#).
- 2016 **First classified at local stage of Spanish Physics Olympiad 2016**
University of Alicante
- 2016 **Participated at national stage of Spanish Physics Olympiad 2016**
University of Seville
- 2016 **Participated at local stage of Spanish Mathematical Olympiad 2016**
University of Alicante
- 2014 **Participated at Campus Científicos de Verano, with the project: Introduction to design and industrial applications of Electronics**
University of Oviedo
- 2011 **Participated at XVIII European Mathematical Kangaroo**
- 2010 **Participated at regional stage of Spanish Mathematical Olympiad 2010**