Francisco Rodríguez Candón

Date of birth: 15/12/2000

Nationality: Spanish

CONTACT

📍 Calle Assido, nº10,
11179 Malcocinado(Medina-Sidonia), Spain **(Home)**

✉️ francandon@usal.es

📞 (+34) 661065923

WORK EXPERIENCE

01/07/2023 – CURRENT Zaragoza, Spain

Predoctoral Researcher CAPA (Center for Astroparticle and High Energy Physics)

The main project of this contract is the creation of an SQL database for the CAPA experiments, whose data are stored in ROOT files. On the other hand, I have various scientific projects in Astrophysics related to the search for axions.

01/03/2022 – 15/05/2022 Madrid, Spain

Physics student in external internship CIEMAT (Center for Energy, Environment and Technology Research)

During my stay at CIEMAT, I worked on one of the research lines in the Environment department, which involved creating a synoptic circulation classification of the Iberian Peninsula, as well as regionalizing various meteorological variables and atmospheric pollutants for several databases, both experimental (E-OBS) and modeled (IFS). The two main objectives were to observe the differences between the model and the observations, and to study the impact of meteorology on pollutants.

01/09/2023 – 15/06/2024 Zaragoza, Spain

Physics student in external internship CAPA (Centro de Astropartículas y Física de Altas Energías)

• PostgreSQL databases
• C++ program to read ROOT metadata and insert into an postgreSQL database

EDUCATION AND TRAINING

06/09/2018 – 07/07/2022 Salamanca, Spain

Degree in Physics Universidad de Salamanca (Faculty of Science)

Address Pl. Caídos, s/n, 37008, Salamanca, Spain │ **Website** https://www.usal.es/

20/09/2022 – 13/07/2024 Zaragoza, Spain

Master's Degree in Physics of the Universe: Cosmology, Astrophysics, Particles and Astroparticles Universidad de Zaragoza (Faculty of Science)

Website https://www.unizar.es/

LANGUAGE SKILLS

MOTHER TONGUE(S): Español

Other language(s):

English

Listening C1		**Spoken production** C1	
Reading C1		**Spoken interaction** C1	
Writing C1			

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

DIGITAL SKILLS

Paquete Office (Excel, Word, Powerpoint) | C++ | ROOT Cern | Python | Git | Bash Linux