

FRANCESC ROURA ADSERIAS

RESEARCH ENGINEER

ABOUT ME

Research Engineer with solid background in atmospheric sciences, renewable energy and HPCs. I have been working for the last ~3.5 years contributing to bring the Climate Adaptation Digital Twin from DestinE into operation. I consider myself a diligent and reliable professional.

LANGUAGES

English: full professional competence

Catalan: native/bilingual

Spanish: native/bilingual

German: A2

French: A2

OTHER

During my MSc I worked part time in the development of the Python-based OCGM glacier model. I enjoy giving presentations and showcasing the work of my team.

PROFESSIONAL EXPERIENCE

Barcelona Supercomputing Center
(Research engineer) (4yr+)

January 2023 - now

Bringing the Climate Adaptation Digital Twin into operation allowed me to gain expertise in **workflow development and maintenance, operation** cycles and **renewable energy**, in a high-paced interdisciplinary environment. The workflow had to be highly modular to and flexible to be able to run several models (IFS-NEMO, IFS-FESOM, and ICON) on **EuroHPC** premises. I am also the main developer of a **Python**-based use case application on renewable energy, including its testing routines.

July 2019 - September 2020

Climate Services for the retail sector (Subseasonal to Seasonal)

MeteoCat (Remote Sensing Intern) (1yr)

September 2018 - August 2019

- Support to the remote sensing team (Radar, Satellite, Soundings, ...)

STUDIES

2023 MSc in Atmospheric Sciences
Innsbruck universität

2020 BSc in Physics
Universitat de Barcelona

SCIENTIFIC PUBLICATIONS

[Orchid link](#)



TECHNICAL SKILLS

Multi language coding
Python (8), Bash(7), R (7),
Fortran (6)

Computational workflows

Git

High Performance Computing

Wind energy ad climate

SOFT SKILLS

Teamwork

Communication

Kindness

WHERE CAN YOU FIND ME?

(In the mountains at the weekend!)

@ francescrouradserias@gmail.com

+34 608 25 48 20

linkedin: [/in/francescroua/](#)