PERSONAL INFORMATION	**Paz Rotllan**

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✉ protllan@socib.es

Date of birth 07/02/1989 | Nationality Spanish

POSITION	Frontend developer at SOCIB

WORK EXPERIENCE

September 2016-present

Frontend developer for Products and Services division

Balearic Islands Coastal Observing and Forecasting System (SOCIB) in the Data Center Facility, Palma de Mallorca, Spain. www.socib.es.

- Development of tools for showcasing the IN SITU component of the Copernicus Marine Environment Monitoring Services: capabilities (in terms of spatial and temporal coverage), performance (key performance indicators), usability (use cases) etc....
- Web development for SOCIB Products and Services division (tools focused on coastal management, fisheries & stock management, marine related sports...) in the Western Mediterranean Sea: development, maintenance, improvement.
- Processing and analysis of multi-platform observations (*in situ* measurements) as well as model outputs.
- Support to third parties investigations by providing short and friendly pieces of code to access SOCIB thredds services as well as CMEMS IN SITU component FTP (Training sessions and Communication).

EDUCATION AND TRAINING

2016-present

MSc in Big Data and Business analytics
University of Pablo de Olavide, Sevilla, Spain..

2014-2015

Training courses in PSQL programming[1] & Frontend frameworks[2]
Oracle[1] & Escuela de Organización Industrial[2]

2013-2014

MSc in Environmental Hydraulics
University of Granada and Malaga, Spain. Specialization in *geophysical fluids*.

2007-2012

Marine Science university degree
University of Cadiz Spain. Specialization in Physical oceanography.

PERSONAL SKILLS

Mother tongue(s)

Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C	C	C	C	C
French	A	A	A	A	A

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills	Good communication skills: ▪ Oral presentations at international conferences, meetings and workshop (in English, Spanish) ▪ Poster presentations at international conferences and meetings ▪ Articles (scientific and public journals), internal reports
Job-related skills	▪ Physical oceanography ▪ Multi-platform observations (satellite products, Argo floats, CTDs, XBT, gliders, drifters, fixed moorings, HF radar, animals) ▪ Data analysis (observations and numerical simulations)
Computer skills	▪ Operating systems: Unix, Windows. ▪ Programming languages: Python, Javascript and other frameworks frameworks (Angular, Jquery, Django). Comfortable with Matlab and fortran. ▪ NetCDF processing tools ▪ Visualization tools of oceanographic data: Python, Matlab, Ocean Data View.
Driving licence	▪ B

ADDITIONAL INFORMATION

Publications

− *Errors in tracking surface currents with different float geometries*. Agueda Vazquez, Paz Rotllan Garcia y Francisco Criado Aldeanueva. A dimensional analysis of the error introduced by wind drag of standard versus more complex geometries of surface lagrangian drifters. Sea Technology.

Contributions to national and international projects

● CMEMS INSTAC communication & training responsible (2016-2018).

● CMEMS INSTAC Website: development and implementation of marineinsitu.eu