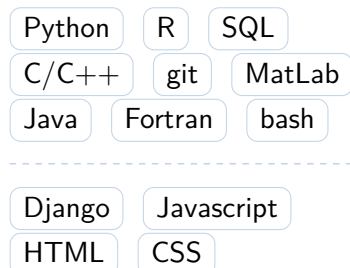




COMPUTER SKILLS



LANGUAGE



FORMATIVE ASSESSMENT

HACK2PROGRESS IV edition

CIC Consulting Informático

📅 November 16–17, 2018

Particle Physics Master Classes

IFCA, UC, IPPOG

📅 March 19, 2015

Local phase of the LI and L Spanish Mathematical Olympiad

UC

📅 January 16, 2015

IV Prize Cantabria of Juvenile essay

SoCFia

📅 October 9, 2014

Astronomy Course

Observatorio Astronómico de Cantabria

📅 October 28–29, 2013

Publications

IEEE Photonics
Journal

Nonlinear dynamics induced by optical injection in optical frequency combs generated by gain-switching of laser diodes, A. Quirce, A. Rosado, J. Díez, A. Valle, A. Perez-Serrano, J.-M. G. Tijero, L. Pesquera, and I. Esquivias, IEEE, 2020, 10.1109/JPHOT.2020.3009450.

International Society
for Optics and
Photonics

Experimental and numerical analysis of optical frequency comb generation in gain-switched semiconductor lasers subject to optical injection, A. Rosado, J. Díez, A. Quirce, A. Pérez-Serrano, J. M. G. Tijero, A. Valle, L. Pesquera, and I. Esquivias, International Society for Optics and Photonics, 2020, 10.1117/12.2554563.

Education

University Studies

2019–2020 **Master in Data Science**, *Universidad de Cantabria*, Santander.

2015–2019 **Degree in Physics**, *Universidad de Cantabria*, Santander, Mención en Física Fundamental. 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

Experience

Laboral

July–Sept. 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.