

JÚLIA SÁNCHEZ MARTÍNEZ

Engineering Physics, Data Science

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in julia-sanchez-martinez



EDUCATION

M.Sc. in Data Science

Universidad Politécnica de Madrid

Sept 2021 – July 2022

Average grade: 8.4 of 10

Master's Thesis title: A user experience evaluation system of multi-term searching techniques in specific domain corpora

B.Sc. in Engineering Physics

Universitat Politècnica de Catalunya

Sept 2017 – July 2021

Average grade: 7.8 of 10

Bachelor's Thesis title: Combining Multilingual Machine Translation and other NLP tasks to Learn Intermediate Language Representations

Non-compulsory secondary education

IES Vilatzara

Sept 2015 – July 2017

Exchange student in Germany

Gymnasium Würselen

Sept 2014 – July 2015

From the age of 16 to 17 I lived in Germany in a host family as part of an exchange student program

High School

IES Vilatzara

Sept 2010 – July 2014

WHILE STUDYING

Marketing internship

MATHS FOR MORE, S.L.

Nov 2019 – Sept 2020

Barcelona

- Use the Mathtype tool developed by MATHS FOR MORE to create math and physics content for publishing
- Use Photoshop to create creative banners to post
- Explore interesting facts and equations that fit the post format required by social media accounts

PROGRAMMING LEVEL

R ● ● ● ● ●

LaTeX ● ● ● ● ●

Python ● ● ● ● ●

MATLAB ● ● ● ● ●

C++ ● ● ● ● ●

HTML/CSS ● ● ● ● ●

Javascript ● ● ● ● ●

NoSQL ● ● ● ● ●

Scala ● ● ● ● ●

Java ● ● ● ● ●

Arduino ● ● ● ● ●

Labview ● ● ● ● ●

LANGUAGES

Spanish ● ● ● ● ●

Mother Tongue

Catalan ● ● ● ● ●

Mother Tongue

German ● ● ● ● ●

Father Tongue

German C1 degree from the Goethe-Institut in Düsseldorf (2015)

English ● ● ● ● ●

Official Cambridge Advanced Certificate of English level C1 (2017)

- Manage social media accounts: Facebook, Twitter, Instagram and LinkedIn
- Respond to questions that users may have about the Mathtype tool through social media or Google Workspace
- Create engagement on social media accounts

Waitressing

LITORAL BAR

📅 Summers 2017–2018–2019 📍 Vilassar de Mar

- Working during the summer months as a waitress in a bar

Private teacher

TEACHING

📅 Every now and then 📍 Vilassar de Mar

- Giving private lessons to high school students in the subjects they required, usually mathematics, physics and chemistry

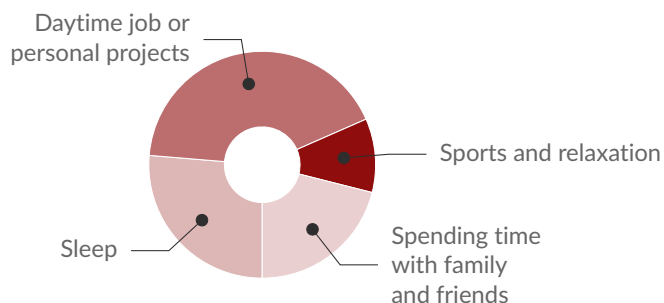
Basketball coach

CLUB BASQUET CABRERA

📅 Sept 2016 – June 2017 📍 Cabrera de Mar

- Training young girls, between 7 and 9 years old, how to play basketball

A DAY OF MY LIFE



LIFE PROJECTS

- Travelling for a couple of months through Thailand (Sept 2022 – Nov 2022)

MOST PROUD OF



Award for best University Master's Degree record in Data Science 2022

Award sponsored by the UPM (Universidad Politécnica de Madrid) to the top 5 best records in the master



Best high school record

First year of university sponsored by the Spanish administration for the best 2 top high school records in my course (2017)



"Exporecerca Jove" Award

"Exporecerca" is an annual event in which young people present their high school and university projects. In 2016 I presented my final high school project and won a stay at the CSIC facilities in Barcelona



"Crazy About Biomedicine"

Participation in the "Crazy About Biomedicine" program of the IRB (Institut de Recerca Biomèdica) for high school students. I did my final high school project in a laboratory at the IRB facilities

STRENGTHS

Hard-working

Result-oriented

Resourceful

Team worker

Data Analysis

ML systems

Building interfaces for data representation

VOLUNTEERING

- Organiser "Exporecerca Jove" in 2014
- Mentor in the UPC SALSA'M program for Erasmus students
- Leisure teacher in a scout center