



Estíbaliz MARTÍNEZ CANO

Barcelona/Spain

estibalizimc@gmail.com

[github](#) | [linkedin](#)

## PROFESSIONAL STATEMENT

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Data analyst and research assistant with nearly 2 years of experience in data-related roles. Experienced in interpreting and analyzing HR data to identify outstanding employees, accelerating their growth. Skilled in providing insights, analytics, visualizations and business intelligence needed to guide decisions in HR and education. Expertise in building prediction models and applying data analysis techniques in Earth Science. Collaborating during all the experiences with people from different backgrounds and nationalities.

## EDUCATION

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### UNIVERSITY OF BARCELONA

B.S IN COMPUTER SCIENCE | MINOR IN MATHEMATICS

*September 2019-September 2023 / Barcelona*

### UNIVERSITY OF MURCIA

B.S IN COMPUTER SCIENCE & MATHEMATICS

*2016-2019 / Murcia*

## ACHIVEMENTS AND HONORS

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### UNIVERSITY OF TOKYO RESEARCH INTERNSHIP PROGRAM (UTRIP)

*June 2023 - August 2023 / Tokyo*

AWARDED WITH A SCHOLARSHIP TO PARTICIPATE

- Summer internship program for conducting a research in Earth Science using machine learning

### PUBLICATION IN IEI 2021 CONGRESS

*November 2021 / Italy*

- Ludmila M., Eloi P. and Estíbaliz M. "Developing a Student Dashboard Prototype: What we can do with what we get from Moodle?", Innovation and educational research for teacher training (2021): 99-105

### 17TH LLUIS SANTALÓ RESEARCH SUMMER SCHOOL

*Summer 2016 / Cantabria*

RECEIVED A SCHOLARSHIP TO ATTEND THE COURSE

- Geometric Algebra and Geometric Calculus, with Applications to Mathematics, Physics and Engineering

### BACCALAUREATE WITH HONORS

*2014-2016 / Murcia*

IN SCIENCE RESEARCH

## EXPERIENCE

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### DATA ANALYST INTERN

*September 2022-Now / Barcelona*

SCHNEIDER ELECTRIC | DEVELOPED IN A HYBRID ENVIRONMENT

- Extracting insights from HR data: career acceleration, promotional velocity, talent ratings, demographics, etc
- Identifying patterns and trends in data triggering program creation to strengthen people performance
- Gathering data from existing data bases and processing it through Python using Pandas and Numpy's libraries
- Implementing analytics visualizations in Tableau and in Python, through Plotly using basic and statistical charts

### UNDERGRADUATE RESEARCH INTERN

*October 2021-February 2022 / Remote & July 2023-August 2023 / Tokyo*

UNIVERSITY OF TOKYO, ERI-SGAT, DR. AOKI'S LABORATORY

- Using a semi-supervised machine learning algorithm to detect Earth deformation after seismic movements
- Cleaning and preparing the input data using Numpy and plot it making use of Pyplot from Matplotlib
- Translating the algorithm from MATLAB to Python (the associated GitHub repository content is not disclosed).

### UNDERGRADUATE RESEARCH ASSISTANT

*July 2021-July 2022 / Barcelona*

UNIVERSITY OF BARCELONA

- Developing the Learning Analytics dashboard of a teaching research project
- Organizing raw data into a readable format with Microsoft Excel
- Cleaning/managing data in Jupyter Notebook through Pandas and Numpy's libraries, and storing it with MongoDB
- Making the prototype with Figma and implementing it through statistics charts with Recharts library in React.js

## CRM SOLUTION DEV INTERN

October 2021-December 2021 / Barcelona

AVANADE | DEVELOPED REMOTE DUE TO COVID

- Applying several Microsoft technologies such as .NET, Azure DevOps or PowerApps (Canvas and Model-Driven)
- Developing a Canvas App to design visit cards that allows the user to create his/her own cards
- Implementing Model-Driven Apps and plugins for managing products of different clients

## SKILLS

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**PROGRAMMING LANGUAGES** Python | SQL | Bash | Java | HTML | CSS **Beginner:** JavaScript | TypeScript | R  
**SOFTWARE DEVELOPMENT** Object-oriented programming | GIT | Design Patterns | Agile Methodologies | Unit Test  
**OTHER TECHNOLOGIES** **Familiar:** Figma **Intermediate:** Tableau | Excel **Beginner:** Looker | MongoDB  
**DATA LIBRARIES** **Familiar:** Pandas **Intermediate:** Plotly | Numpy **Beginner:** Matplotlib | Scikit-learn  
**LANGUAGES** **Native:** Spanish **Familiar:** English (B2) **Intermediate:** French **Beginner:** Japanese (N4)

## EXTRA

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### GOOGLE DEVELOPMENT STUDENT CLUB CORE MEMBER

October 2021-October 2023 / Barcelona

UNIVERSITY OF BARCELONA

- Coordinating networking events with other GDSC of Europe and Asia
- Helping to organize workshops and hackathons about attractive computer science topics
- Hosting women in tech talk with several outstanding professionals as speakers in order to inspire younger women

### VOLUNTEER IN THE RED CROSS YOUTH

October 2015-August 2019 / Murcia

- Volunteer work for hospitalized children at the *Hospital de La Arrixaca* (2015-2019) in El Palmar, Murcia.
- Toy campaign organized in Christmas 2015/2016 to give gifts to the most disadvantaged children
- Prevention of violent behavior and social inclusion courses