

Aritz Lizoain

✉ XXXXXX@XXXX.com

🌐 [linkedin.com/in/aritz-lizoain](https://www.linkedin.com/in/aritz-lizoain)

🔗 <https://github.com/aritzLizoain>

Nationality: XXXXXX

Residence permit: X

☎ (+XX) XX XXX XX XX



EDUCATION

M.Sc. in Statistics

Sept 2021 - Present

Université de Neuchâtel

Current grade: 5.8/6.0

- Relevant coursework: computational statistics, data mining, generalized linear models, statistical learning, time series analysis, multivariate analysis.

B.Sc. in Physics

Sept 2016 - Sept 2020

Universidad de Cantabria | Universität Zürich (2018-2019)

PROFESSIONAL EXPERIENCE

Statistician/Data analyst intern

Jul 2022 - Present

Diabetes Center Berne (DCB)

- Data analysis and modeling of in-vitro glucose measurements.

Machine Learning Engineer

Nov 2020 - May 2021

Cheque - Der intelligente Cloudspeicher

- Researched state-of-the-art machine learning implementations in Python, in addition to performing data wrangling and feature engineering to develop a document management mobile application.
- Employed transfer and ensemble learning in object detection models trained on self-annotated images for document layout analysis.
- Achieved above 97% accuracy in text classification by applying text mining and natural language processing (NLP) techniques to unstructured data in English and German.

Search for dark matter with deep neural networks

Feb 2020 - Sept 2020

Institute of Physics of Cantabria (IFCA)

- Pioneeringly discriminated pixel-sized dark matter candidate signals on 16 megapixel images by designing and implementing an end-to-end image segmentation pipeline.
- Built from scratch, trained, optimized, and evaluated a Convolutional Neural Network (CNN) with Keras, which achieved a 99% test accuracy.

TECHNICAL SKILLS

- Python
- MATLAB
- Stata
- R
- SAS
- Java

LANGUAGES

- Spanish (native)
- Basque (native)
- English (native proficiency C2)
- French (intermediate B1)