

Nelson Bruno Andrés Moreno Cabañas

Data Scientist — Machine Learning Engineer

+56 997200464 | nelson.moreno.cabanas@gmail.com | [linkedin.com/in/nelson-moreno-cabanas](https://www.linkedin.com/in/nelson-moreno-cabanas) | github.com/Bruno-Moreno

SUMMARY

VIVA CHILE

TECHNICAL SKILLS

Languages: Python, SQL, R
Developer Tools: Git, Docker, AWS, Snowflake, Airflow
Libraries: Pandas, PySpark, Scikit-Learn, Tensorflow, PyTorch
Data Visualization: Matplotlib, Seaborn, Plotly, Power BI

EXPERIENCE

- | | |
|---|---|
| Data Scientist
<i>Rappi Rappicard by Itaú - Digital Credit Card</i> | Sep. 2023 – Current
<i>Santiago, Chile</i> |
| <ul style="list-style-type: none">Created common testing framework (Java, Cucumber, RestAssured, for component testing in 5+ teamsCovered 100% manual scenarios with automation (Java, Selenium, Cucumber, RestAssured) that decreased regression time from 5 days to 2 days | |
| Data Scientist
<i>Consortio - Bank and Insurance Company</i> | Aug 2022 - Sep 2023
<i>Santiago, Chile</i> |
| <ul style="list-style-type: none">I successfully created customer propensity models for all Consortio's products, resulting in a significant reduction in the cost of acquisition. I developed a product churn prediction model that achieved a 5% reduction in churn rate every month, as well as a risk measurement model that improved the previous model AUC by 10%.MLOps practices were implemented in collaboration with AWS for monitoring and maintaining machine learning models using Sagemaker Studio. These practices are now implemented through the entire Data & Analytics area.I led a team of four people during transitional periods in the area, ensuring that each person's projects continued to develop without interruption. | |
| Data Scientist
<i>IC Innovations - CHASKi: Wearable sport device for athletes</i> | Dec 2021 - Aug 2022
<i>Santiago, Chile</i> |
| <ul style="list-style-type: none">I was responsible for data processing and algorithm development for a wearable device designed to measure athlete's respiratory rates during exercise.Tested the algorithms against clinical experiments and achieved 92% accuracy in determining ventilatory thresholds.Created the first customized report delivered to athletes as the MVP of the product. | |
| Data Science Intern
<i>Alaya - Data Science Consulting</i> | Dec 2020 - Jan 2021
<i>Santiago, Chile</i> |
| <ul style="list-style-type: none">Develop an anomaly detection, satiety period monitoring and biomass estimation software for salmon in captivity using image processing and deep learning tools. This project enabled Alaya to enter the aquaculture market. | |
| Data Analyst Intern
<i>Deloitte - Consulting, Financial Advisory, Risk Advisor</i> | Dec 2019 - Feb 2020
<i>Santiago, Chile</i> |
| <ul style="list-style-type: none">Provision estimation for banks according to the BASEL III manual. | |

EDUCATION

- | | |
|---|---------------------------------------|
| University of Chile
<i>Master's Degree, Data Science (Grade 6.7/7.0) <u>Master's Thesis</u></i> | Santiago, Chile
<i>2022 - 2023</i> |
| University of Chile
<i>Bachelor's Degree, Mathematical Engineer (Grade 6.7/7.0)</i> | Santiago, Chile
<i>2017 - 2023</i> |

ACADEMIC

Teacher Assistant - University of Chile

Lectures and content creation:

Machine Learning (1), Statistics (2), Linear Algebra (1), Ordinary Differential Equations (2), Calculus (1), Probabilities and Statistics (4).

CEIMAT Director - University of Chile

Director of the Mathematical Engineering Student Center at the Faculty of Physical and Mathematical Sciences.

LANGUAGES

English

Full professional proficiency

Spanish

Native

CERTIFICATIONS

Generative AI Fundamentals - Google

Issued Jan 2024

Apache Airflow Fundamentals - Platzi

Issued Nov 2023

AWS Certified Cloud Practitioner - Udemy

Issued Jan 2023

B2: Upper Independent - TOEFL ITP

Issued Jan 2019, Expires Jun 2021