

# Facundo Nicolas Munhó Vital

Data Science undergraduate student, actively pursuing a Licentiate Degree in Data Science and holding a Bachelor of Science in Data Science (degree in progress). I am also a qualified electromechanical technician. I am passionate about numerical problems, computer vision, and signal analysis.

I possess knowledge of various programming languages, including Python, Java, C++, Kotlin, R, and Dart. Within Python, I have four years of experience utilizing mathematical and numerical analysis tools such as NumPy, SciPy, and Matplotlib, as well as machine learning libraries like scikit-learn and PyTorch.

Additionally, I am proficient in containerization technologies (Podman and Podman Compose) and Bash scripting.

I am driven by an unyielding curiosity and am constantly seeking new learning opportunities and training to tackle increasingly bold and challenging problems.

## Languages

Spanish: Native                      English: Intermediate (technical)

Portuguese: Intermediate      German: Basic

## Work Experience

### **Software Engineering Assistant – Web Area - Oct 2024 – Present**

#### **Apexar Technologies S.A.**

Design and development of web solutions using the Dart/Flutter SDK. Responsible for API design and testing, as well as designing and maintaining CI/CD pipelines. Work conducted under continuous improvement culture and coding standards.

Tools: Dart/Flutter, Git, Podman, Python, Bash

### **Teaching Assistant – Department of Mathematics - jan 2024 - oct/2024**

#### **University of Buenos Aires – Faculty of Exact and Natural Sciences (FCEyN)**

Teaching and support in subjects including algebra, linear algebra, discrete mathematics, numerical methods, and Python for simulation and solving numerical problems. Courses ranged from 50 to 150 students. Tools: Python (with emphasis on NumPy, SciPy, and Matplotlib)

### **Scientific Communicator - Aug 2022 - Nov 2023**

#### **University of Buenos Aires – Faculty of Exact and Natural Sciences (FCEyN)**

Led science and technology outreach activities for groups of 10 to 60 participants, as part of the National Science and Technology Fair (Tecnópolis). Focused on communicating scientific concepts in an engaging and accessible way.

### **Electromechanical Technician - Feb 2019 - Aug 2022**

#### **Critical system S.R.L**

Design, planning, and development of industrial electrical and refrigeration systems for clients such as FATE, Telecom, and other major technology companies.

## Education

**Licentiate Degree in Data Science - Universidad de Buenos Aires (FCEyN) | 2022 - currently**

**Bachelor of Science in Data Science : Universidad de Buenos Aires (FCEyN) | 2022 - 2024**

**Licentiate Degree in Physics Sciences - Universidad de Buenos Aires (FCEyN) | 2019 - currently**

**Technical Secondary School: Instituto Juan Segundo Fernández | 2011 - 2018**

## Participation

Physics Week (2021,2022,2023), Biology Week (2021), Mathematics Week (2022, 2023, 2024), Computer Science Week (2022, 2024), Museum Nigth (2024), FIFA Python Workshops (2025)

## Reach Me

+549 1163765821

## LinkedIn

<https://www.linkedin.com/in/facundomunho/>

## Portfolio

[munhof.com.ar](https://munhof.com.ar)