

AYRTON PORTO



MATHEMATICIAN (B.S.)

CONTACT

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SKILLS

- PYTHON, DATA & AI: PyTorch, TensorFlow, Pandas, Scikit-learn.
- FORMAL VERIFICATION: Lean, Coq.
- MATH & TOOLS: LaTeX, MATLAB, C++.

LANGUAGES

- SPANISH: NATIVE
- ENGLISH: TECHNICAL PROFICIENCY

AWARDS

- Santander Open Academy Scholarship | Academic Merit (2024)
- Honorable Mention | Argentinian Mathematical Olympiad (OMA) National Competition (2017, 2019)

Mathematician (B.S., UNICEN, Argentina) with a strong background in Logic. Focused on the intersection of Artificial Intelligence and automated theorem proving. I aim to develop tools that translate complex mathematical reasoning into automated proof systems, ensuring formal rigor and computational efficiency.

EDUCATION

UNICEN - TANDIL, BUENOS AIRES, ARGENTINA

2020 - 2025

B.S. in Mathematical Sciences

GPA: 9.41 / 10

ACADEMIC RESEARCH

CIN SCHOLARSHIP FOR SCIENTIFIC VOCATIONS

2023 - 2024

Project: "Dualities for bounded distributive lattices with normal operators"
The resulting work was approved as Undergraduate Thesis.
Advisors: Dr. W. Zuluaga Botero & Dr. A. Nagy.

TEACHING EXPERIENCE

TEACHING ASSISTANT

UNICEN - TANDIL, BUENOS AIRES, ARGENTINA

2022 - Present

Algebra I, Linear Algebra, Discrete Mathematics, and Probability & Statistics.

COURSES & CONFERENCES

IMPA SUMMER FELLOW - RIO DE JANEIRO, BRAZIL

2023

Course: "Computation, Logic, and Set Theory".

Grade: A-

XII MAR Y SIERRAS - CHAPADMALAL, ARGENTINA

2023

Presentation: "Multivariate integration using space-filling curves"