

Andrés R. Saravia

Data Science, Machine Learning Jr.

GENERAL DATA

FULL NAME: Saravia, Andrés Román
ADDRESS & BIRTH: Córdoba, Córdoba Province, Argentina; 13/04/1997
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LANGUAGES: Spanish (Native speaker), English (Intermediate), Russian (Basic)

FORMAL EDUCATION

2020-present Master's degree in APPLIED MATHEMATICS, **FaMAF-UNC** (Approved 28/29)
GPA: 9.48/10
2020-2024 PhD in COMPUTER SCIENCE, **FaMAF-UNC** [\[publications\]](#)
Designing agents and their knowledge about their abilities through the use of epistemic logics and Labeled Transition Systems (LTS) with a notion of uncertainty between plans
2015-2020 Master's degree in COMPUTER SCIENCE, **FaMAF-UNC** [\[link\]](#)
Construction of computational reasoning methods for dynamic modal languages, specifically the design of tableaux calculus for Modal Separation Logic (MSL) fragment
GPA: 9.67/10

TEACHING/WORK EXPERIENCE

2020-2025 Doctoral fellow of **CONICET**
2025 Organizer of **FACAS**: 12th Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software, Río Cuarto, Argentina
2022-2023 Assistant Professor A for Algorithms and Data Structures I, **FaMAF-UNC**
2019 Internship at **LSV, ENS Cachan, France**
Working with Dr. Stéphane Demri in Modal Separation Logics
2019 Student Assistant at **FaMAF-UNC**

PROJECTS

2025 Data Science [\[link\]](#)
Practice on the reading, curation, analysis and proposal of prediction models (logistic regression, decision trees and random forest) to predict rainfall given a weather dataset. Libraries: Scikit-learn, Seaborn, Pandas, NumPy y Matplotlib.
2025 Monte Carlo Simulations [\[link\]](#)
Work for Master's degree thesis in Applied Mathematics in which we simulate the adsorption of hydrogen atoms over nickel plates / surfaces with the goal of study clean energy storage alternatives. Languages: C (simulations y data generation) and Python (scripts and visualization)
2025 Coderhouse projects for Full Stack Developer courses
[Backend I](#), [Backend II](#), [Backend III](#), [Javascript](#), [ReactJS](#), [Web Development](#)
2017 Graph coloring: A C project that colors graphs given determined orders. [\[link\]](#)

TECHNICAL SKILLS

- Programming languages: C, Python, Javascript, SQL (MySQL)
- Python libraries: Scikit-learn, Seaborn, Pandas, NumPy y Matplotlib
- Other tools: Git, GitHub, ReactJS, MongoDB, Docker, Firebase