Andrés R. Saravia
Data Science, Machine Learning Jr.

GENERAL DATA

FULL NAME:	Saravia, Andrés Román
PLACE & DATE OF BIRTH:	Córdoba, Córdoba Province, Argentina; 13/04/1997
EMAIL:	andresromansaravia@gmail.com
WEBPAGE:	andresrsaravia.github.io
LANGUAGES:	Spanish (Native speaker), English (Intermediate), Russian (Basic)

FORMAL EDUCATION

2020-present Master's degree in APPLIED MATHEMATICS, **FaMAF-UNC**

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

2020-2022 UNIVERSITY TECHNICIAN IN APPLIED MATHEMATICS, **FaMAF-UNC**
GPA: 9.44/10

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]