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
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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 at **FaMAF-UNC**
	Course: Algorithms and Data Structures I
2019	Internship at **LSV**, **ENS Cachan**, **France**
	Working with Dr. Stéphane Demri in Modal Separation Logics
2019	Student Assistant at **FaMAF-UNC**

Projects

2023	Data Science
2025	Monte Carlo Simulations
	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 (visualization)
2025	Coderhouse projects for Full Stack Developer
	Backend I, Backend II, Backend III, Javascript, ReactJS Web Development
2017	Graph coloring
	A C project that for coloring graphs given determined orders. [link]