Curriculum Vitae[1]

PERSONAL 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

EDUCATION

2020-present	Degree in APPLIED MATHEMATICS, **FaMAF-UNC**
2020-2024	PhD in COMPUTER SCIENCE, **FaMAF-UNC**
2020-2022	UNIVERSITY TECHNICIAN IN APPLIED MATHEMATICS, **FaMAF-UNC**
	GPA: 9.44/10
2015-2020	Degree in COMPUTER SCIENCE, **FaMAF-UNC**
	Final project under the supervision of PhD Raúl Fervari
	GPA: 9.67/10
2015-2017	Undergraduate degree in COMPUTER ANALYST, **FaMAF-UNC**
	GPA: 9.61/10
2009-2014	Bachelor degree in Social Sciences and Humanities, **Institución Escuti**

TEACHING/WORK EXPERIENCE

2025	Organizer de **FACAS 2024**
	Twelfth Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software (FACAS), Río Cuarto, Córdoba, Argentina
2022	Assistant Professor at **FaMAF-UNC**
	Courses: 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**
	Courses: Algorithms and Data Structures II
	Introduction to Logic and Computing

PROGRAMMING SKILLS

C, **Javascript**, **Haskell**, **Python**, **MySQL**, **Blender 3D** and **LaTeX**

LANGUAGES

SPANISH:	Native speaker
ENGLISH:	Intermediate (CEFR B2, 2016)
RUSSIAN:	Basic

PUBLICATIONS

- Andrés R. Saravia. *Epistemic Logics based on abilities.* PhD thesis in Computer Science, FaMAF-UNC, 2024. [LINK]

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[1]This CV was updated last time in Wednesday 14th May, 2025 at 04:26 UTC

- Carlos Areces, Valentín Cassano, Pablo F. Castro, Raul Fervari, Andrés R. Saravia. *How Easy it is to Know How: An Upper Bound for the Satisfiability Problem*. JELIA 2023. [DOI]

- Carlos Areces, Raul Fervari, Andrés R. Saravia, Fernando R. Velázquez-Quesada. *Uncertainty-Based Knowing How Logic*. JLC 2023. [DOI]

- Carlos Areces, Valentín Cassano, Pablo F. Castro, Raul Fervari, Andrés R. Saravia. *A Deontic Logic of Knowingly Complying*. AAMAS '23: Proceedings of the 2023 International Conference on Autonomous Agents and Multiagent Systems, pages 364–372, 2023. [DOI]

- Carlos Areces, Raul Fervari, Andrés R. Saravia, Fernando R. Velázquez-Quesada. *First Steps in Updating Knowing How*. DaLí Workshop, pages 1-15, 2022. [DOI]

(C1) Carlos Areces, Raul Fervari, Andrés R. Saravia, Fernando R. Velázquez-Quesada. *Uncertainty-Based Semantics for Multi-Agent Knowing How Logics*. Proceedings of the Eighteenth Conference on Theoretical Aspects of Rationality and Knowledge, TARK XVIII, pages 23-38, 2021. [DOI]

- Andrés R. Saravia. *Tableau calculi for elementary formulae in Separation Logics*. Master thesis in Computer Science, FaMAF-UNC, 2020. [LINK]

Presentations

2024	Presentation at International Workshop on Reconfigurable Transition Systems: Semantics, Logics and Applications (ReacTS), Aveiro, Portugal.
2024	PhD thesis in Computer Science, FaMAF-UNC, Argentina.
2023	Presentation at Autonomous Agents and Multiagent Systems (AAMAS), London, UK. [mirror]
2023	Presentation at São Paulo School of Advanced Science on Contemporary Logic, Rationality, and Information (SPLogIC), Universidade Estadual de Campinas, São Paulo. [mirror]
2022	Presentation at DaLí Workshop, University of Lisbon, Portugal (virtual). [mirror]
2022	Talk at the Ninth Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software (FACAS), La Falda, Córdoba, Argentina. [mirror]
2021	Seminar for PhD Computer Science students, FaMAF-UNC, Argentina.
2021	Presentation at TARK XVIII, Tsinghua University, China (virtual). [mirror]
2020	Master thesis in Computer Science, FaMAF-UNC, Argentina. [mirror]

COURSES

2025	**Backend** at Coderhouse
2025	**Javascript** at Coderhouse
2024	**Blender 3D** at Coderhouse
2022	**Universal Algebra** at UN de Córdoba
	Miguel A. C. Campercholi, (UN de Córdoba & CONICET, Argentina),
	Mariana Badano (UN de Córdoba & CONICET, Argentina)
2021	**Model Theory** at UN de Córdoba
	Miguel A. C. Campercholi, (UN de Córdoba & CONICET, Argentina),
	Diego N. Castaño (UN del Sur & CONICET, Argentina)
2021	**Introduction to Proof Theory** at Midlands Graduate School
	Anupam Das, (University of Birmingham, United Kingdom)
2020	**Modern Aspects of Computational Logic** at UN de Córdoba
	Carlos Areces, Raúl Fervari, (UN de Córdoba & CONICET, Argentina),
	Valentín Cassano (UN de Río Cuarto, UN de Córdoba & CONICET, Argentina)
	Pablo Castro (UN de Río Cuarto & CONICET, Argentina)
2019	**Dynamic Logics** at UN de Córdoba
	Carlos Areces, Raúl Fervari (FaMAF-UNC & CONICET, Argentina)
	Fernando R. Velázquez Quesada (ILLC, Netherlands)
2018	**Mathematics Models in Quantitative Finance** at UN de Córdoba
	Dr. Patricia Kisbye, Professor Pedro Pury (FaMAF-UNC)
2018	**Introduction to Statistical and Computational Techniques for Teledetection Image Processing** at UN de Córdoba
	System Engineer Sergio Masuelli (CONAE)
2017	**Cryptography** at UN de Río Cuarto
	Dr. Daniel Penazzi (FaMAF-UNC)
2017	**Cybersecurity principles for corporate environments** at UN de Río Cuarto
	INTEL Corporation

SCHOLARSHIPS/GRANTS

2020-2025	**CONICET**, "Beca Interna Doctoral": A grant given to fund graduated students in their PhD projects. Title of the research project: Epistemic Logics with Strategies. Supervisor: Dr. Raúl Fervari (FaMAF-UNC).
2019-2020	**Consejo Interuniversitario Nacional**, "Becas de Estímulo a las Vocaciones Científicas": A grant given to grade students who wish to initiate themselves in scientific research. Title of the research project: Inference for Separation Logics. Supervisor: Dr. Raúl Fervari (FaMAF-UNC).
2015-2020	**Córdoba Province Government**, "Becas Académicas": A scholarship given to students who end secondary school with the best general grade points and want to study in strategic careers in Informatics and Information and Communications Technology.

DISTINCTIONS AND RECOGNITIONS

2020	**Degree with Honourable Mention**, FaMAF, UN de Córdoba
2019	**Substitute 1st escort on the national flag**, FaMAF, UN de Córdoba
2018	**Substitute 2nd escort on the national flag**, FaMAF, UN de Córdoba

ATTENDANCE TO SCIENTIFIC/PROGRAMMING EVENTS

2025   **Twelfth Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software (FACAS)**, Río Cuarto, Córdoba, Argentina.

2024   **International Workshop on Reconfigurable Transition Systems: Semantics, Logics and Applications (ReacTS)**, Aveiro, Portugal.

2024   **Eleventh Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software (FACAS)**, Río Cuarto, Córdoba, Argentina.

2023   **Autonomous Agents and Multiagent Systems (AAMAS)**, London, UK.

2023   **São Paulo School of Advanced Science on Contemporary Logic, Rationality, and Information (SPLogIC)**, Universidade Estadual de Campinas, São Paulo.

2022   **DaLí Workshop**, University of Lisbon, Portugal (virtual).

2022   **Ninth Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software (FACAS)**, La Falda, Córdoba, Argentina.

2021   **European Summer School In Logic, Language And Information** (virtual).

2021   **TARK XVIII**, Tsinghua University, China (virtual).

2021   **Midlands Graduate School in the Foundations of Computing Science** (virtual).

2019   **ICPC's Training Camp Argentina**, UN de Córdoba, Argentina.

2017   **Summer School of Informatics RIO 2017**, UN de Río Cuarto, Argentina.

2017   **ICPC's Training Camp Argentina**, UN de San Martín.

ATTENDANCE TO SEMINARS

2017   **Machine Learning**
Technical Leader and Engineer Franco Arito, MercadoLibre Argentina

2017   **API's REST: An entrance door to your Software**
Software Engineers Marc Thurley and Matías Giorgio, Medallia Argentina

2017   **Learning to Code at School: An Analysis from an educational policy**
Dr. Ma. Cecilia Martínez, Inst. de Humanidades CONICET, FFyH - UN de Córdoba