Agustín Nolasco

Curriculum Vitae

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Personal Information

- Names: Franco Agustín
- Surname: Nolasco
- DNI: 42142489
- Date of Birth: 09/22/1999

- Place of Birth: Villa Mercedes, San Luis, Argentina
- Current Place: Río Cuarto, Córdoba, Argentina
- Address: Los Alerces 89
- Marital Status: Single

Education

2024–Present **PhD. in Computer Science**,
National University of Córdoba, FAMAF, Córdoba
Ongoing

2019–2024 **Computer Science Licentiate**,
National University of Río Cuarto, Córdoba
Final Average Score: 9.88 out of 10

2019–2021 **Computing Analyst**,
National University of Río Cuarto, Córdoba
Final Average Score: 9.81 out of 10

2012–2018 **Electromechanical Equipments and Installations Technician**,
Technical School No.15 Ing. Agustín Mercau, Villa Mercedes, San Luis
Final Average Score: 8.65 out of 10

Employment History

Mar. 2025– Present **Teaching Assistant**, *National University of Río Cuarto, Argentina*,
Course: Design of Algorithms

Ago. 2024– Mar. 2025 **Teaching Assistant**, *National University of Río Cuarto, Argentina*,
Course: Algorithms and Data Structures

Apr. 2024– Aug. 2024 **Student Teaching Assistant**, *National University of Río Cuarto, Argentina*,
Course: Advanced Programming

Mar. 2024– Present **QA Tester**, *Oliver Informatics*,
Río Cuarto, Córdoba, Argentina

Apr. 2023– Jan. 2024 **Grader**, *Guangdong Technion – Israel Institute of Technology, China*,
Course: Introduction to Computer Science

Apr. 2023– Jul. 2023 **Grader**, *Guangdong Technion – Israel Institute of Technology, China*,
Course: Introduction to System Programming

Apr. 2022– Sept. 2022 **Student Teaching Assistant**, *National University of Río Cuarto, Argentina*,
Course: Design and Analysis of Algorithms

Research Projects

Dec. 2021– Present	**"Optimizations to Symbolic Execution and Applications"**, *PICT 2019*, Director: Dr. Nazareno Aguirre, Position: Collaborator Funded by: National Agency for the Promotion of Research, Technological Development, and Innovation, through FONCyT
Jan. 2020– Present	**"Application of Constraint Solving Techniques to Software Validation and Verification"**, *PPI 2020-2022*, Director: Dr. Nazareno Aguirre, Position: Collaborator Funded by: Secretariat of Science and Technology, National University of Río Cuarto

Scholarships

Ago. 2024– Present	**PhD. Scholarship**, *National Scientific and Technical Research Council (CONICET)*
Sept. 2022– Aug. 2023	**EVC-CIN Scholarship 2021**, *Stimulation Scholarship for Scientific Vocations*

Awards

2023–2024	**First Major National Flag Escort**, *National University of Río Cuarto*
2017–2018	**National Flag Bearer**, *Technical School No.15 Ing. Agustín Mercau*
2017	**Max Average Score of the Class**, *Technical School No.15 Ing. Agustín Mercau* Average Score 9.66 out of 10

Courses

Mar. 2025	**Advances in Automatic Software Testing**, dictated by Dr. Mike Papadakis, Río 2025 Summer School
Mar. 2025	**Introduction to Input Grammar Fuzzing**, dictated by Dr. Andreas Zeller, Río 2025 Summer School Final Score: 10 out of 10
Mar. 2025	**Analysis of mobile apps for quality and trustworthiness**, dictated by Dr. Alessandra Gorla, Río 2025 Summer School
Feb. 2024	**Dynamic Modal Logics**, dictated by Dr. Raul Fervari and Dr. Carlos Areces, Río 2024 Summer School Final Score: 6 out of 10
Feb. 2024	**Verification of Fault Trees**, dictated by Dr. Joost-Pieter Katoen, Río 2024 Summer School
Aug. 2023	**Advanced Data Structures**, dictated by Dr. Conrado Martínez, ECI 2023 Final Score: 10 out of 10
Aug. 2023	**Fuzzing for Compiler Testing**, dictated by Dr. Guillermo Polito, ECI 2023 Final Score: 9 out of 10
Feb. 2023	**Modeling and Analyzing Concurrent Systems**, dictated by Dr. Thomas Noll, Río 2023 Summer School

Feb. 2023	**Formal Approaches to Decision-Making under Uncertainty**, dictated by Dr. Arnd Hartmanns, Río 2023 Summer School
Aug. 2022	**Introduction to APIs**, dictated by Dr. Guido De Caso, ECI 2022 Final Score: 8 out of 10
Aug. 2022	**Satellite Images Processing**, dictated by Dr. Rafael Grimson, ECI 2022 Final Score: 7 out of 10
Oct. 2019	**Software Testing**, dictated by Dr. Nazareno Aguirre, CACIC 2019 Final Score: 10 out of 10
2011–2016	**English Academy**, *Superior Institute of English Language*, Villa Mercedes, San Luis

Academic Activities

Feb. 2024	**Student Volunteer**, *Río 2024 Summer School*
Sept. 2023	**Participant**, *Argentine Programming Tournament*, UNRC 2023, Local position: 1st - National Position: 42nd
Jun. 2023	**Student Judge**, *Student Teaching Assistant contest*, UNRC 2023
Feb. 2023	**Student Volunteer**, *Río 2023 Summer School*
Sept. 2022– Dec. 2022	**Research visit**, *University of Twente, The Netherlands*, in the context of the EU's Marie Sklodowska-Curie grant No. 101008233 (MISSION)
Sept. 2022	**Speaker at JUPA Workshop**, *University Open Day*, Advanced Student of Computer Science
Sept. 2022– Aug. 2023	**Departmental Counselor**, *Faculty: Student* ○ DC - Authorities
Aug. 2021– Present	**Collaborating Student**, *Research Group*, Formal Methods and Software Engineering ○ MFIS - People

Workshops

Mar. 2025	**FACAS - 2025**, *Twelfth Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software*
Mar. 2024	**FACAS - 2024**, *Eleventh Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software*
Mar. 2023	**FACAS - 2023**, *Tenth Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software*
Mar. 2022	**FACAS - 2022**, *Ninth Argentine Workshop on Fundamentals for the Automatic Analysis and Construction of Software*

Articles

[1] Renzo Degiovanni, Facundo Molina, Agustin Nolasco, Nazareno Aguirre, and Mike Papadakis. Specification inference for evolving systems, 2023. Pre-print.

[2] Agustín Nolasco, Facundo Molina, Renzo Degiovanni, Alessandra Gorla, Diego Garbervetsky, Mike Papadakis, Sebastian Uchitel, Nazareno Aguirre, and Marcelo F. Frias. Abstraction-aware inference of metamorphic relations. *Proc. ACM Softw. Eng.*, 1(FSE), jul 2024.

References

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