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: Maipu 551
- Marital Status: Single

Education

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

Apr. 2024–Present	**Student Teaching Assistant**, *National University of Río Cuarto, Argentina*, Course: Advanced Programming
Mar. 2024–Present	**QA Tester**, *Oliver Informatics*, Río Cuarto, Cordoba, 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 the 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

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

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*, Fᴏʀᴍᴀʟ Mᴇᴛʜᴏᴅs ᴀɴᴅ Sᴏғᴛᴡᴀʀᴇ Eɴɢɪɴᴇᴇʀɪɴɢ ○ MFIS - People

Workshops

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] Nolasco Agustin, Facundo Molina, Renzo Degiovanni, Alessandra Gorla, Diego Garbervetsky, Mike Papadakis, Sebastian Uchitel, Nazareno Aguirre, and Marcelo F. Frias. Abstraction-aware inference of metamorphic relations. *The ACM International Conference on the Foundations of Software Engineering (FSE)*, 7 2024. Accepted, to appear in FSE on July 2024.

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

References

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