Lautaro Lasorsa

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Education

Universidad de Buenos Aires (UBA)

Data Science Licenciature (Bachelor + Master): 9,09   March 2019 - December 24

Relevant Knowledge: Algebra, statistics, interpretable models, cloud providers, operative research, econometrics, Python.

Universidad Nacional de La Matanza (UNLaM)

Engineering in Informatics (Bachelor + Master) : 8,46 (partial)   March 2019 - December 2027 (expected)

Relevant Knowledge: Bash, good software engineering practices, cryptography, software requirements, C++, Bash.

Most relevant experience

Composable Finance   (Remote)

Cryptography Consultant   April 2023 - July 2024

- Developed solutions using Zero Knowledge (ZK) over Gnark.
- Implemented the verification of digital signatures over the curve ED-25519 emulating the arithmetic.
- Learned the technology during the job.
- Also developed a solution to optimize transactions using graph algorithms and Python.

Universidad Nacional de La Matanza (UNLaM)

Class Assistant   March 2020 - Present

- Taught classes to students from high schools (2020 and 2021) and from the university (2022 in ahead) about competitive programming
- Developed and used class material in C++ and Python.
- 11 teams that participated in the course presented at the Argentina's Programming Tournament (TAP) between 2022 and 2024.

Competitive Programming

- 3 Participations at ICPC (International Collegiate Programming Contest) World Final: 2020 (position 22), 2023 (13 - Bronze Medal), 2024 (17). Latin America Regional Champion all the times.
- 3 Participations at IOI (International Olympics in Informatic): 2017, 2018 (Bronce Medal, top 50%) y 2019
- Used several Computing Science topics (Algorithms and Data Structures, Number Theory, Computational Geometry, etc.)
- Presented in 3 editions of the Training Camp Argentina on the topics Segment Tree, SQRT Decomposition, Centroid Decomposition and Heavy Light Decomposition.
- Developed a repository with useful commands for competitive programming.

Other interests and skills

Languages: English (EF SET 76/100 C2).

Scientific publications: Since 2021 I am a member in a research group at UNLaM. We had published a 3 papers (1, 2, 3) about AI applied to IoT.