

PROFILE

Extremely motivated to learn from data and to use modern technologies. Strong theoretical background. Experience on data analysis and machine learning

Soft skills: attention to detail, problem solving, analytical mindset, team management

SKILLS

- Exceptional communication and networking skills. Experienced on agile methodologies, research grants administration, team leader and member of international collaborations.
- Successful working independently. Author of several python packages.
- Ability to deliver easy to understand results based on formal analyses and methodologies. Experience as teacher, at public outreach and on academy-industry transference.
- Comfortable with technologies and in depth understanding of mathematical foundations. Head of a postgraduate course on astrostatistics and on undergraduate courses on numerical analysis and machine learning.

EXPERIENCE

As a Data Scientist

MERCADO LIBRE

- 2024 -PRESENT (SENIOR ML DS ENGINEER)
- Recommendation systems for marketplace

ITHREEX GLOBAL

- 2023 (LEAD DATA SCIENTIST)
- 2022 (SENIOR DATA SCIENTIST)
- Lead of the data science team: projects on tourism, international commerce, retails, payment behavior.
- Data scientist, projects on tax payment, smart farm, tourism, international trade and computer vision.
- Development of a machine learning cloud based platform for time series forecasting, RFM, clustering and market basket analysis.

CONICET

- 2011 - 2021 (RESEARCHER)
- 2004 - 2011 (SCHOLAR)
- 32 published papers in top ranked international journals, including 7 papers with large international collaborations, h-index=15
- Member of 20 research grants, PI in 5 of them
- Organizer of conferences, participant on 34 conferences and schools, invited speaker at 3; 40 publications in proceedings.
- Acted as referee for 3 international journals.

NATIONAL UNIVERSITY OF CORDOBA

- As a Professor** 2003 - PRESENT (UNC)
- Assistant on courses of mathematics, physics, computation and astronomy, head of 7 courses, teacher at a data science diploma.
- Mentor of 2 PhD students + 2 undergraduate students
- Leader of research projects, member of academic committees, and member of administrative committees on a public institution.
- Invited Professor at PUC-Chile

EDUCATION

PhD in Astronomy
2004, UNC, Arg.

Lenguajes: spanish (native),
english (profesional)

TECHNICAL SKILLS

- Author of 3 python packages and coauthor of 3
- Latex (professional editor of a scientific publication for 6y)
- Data science: full python scientific stack, R, SQL, Bash
- Deployment: docker, mlflow, flask
- HPC: Fortran90, OpenMP
- Web design: HTML, Jekyll, reveal.js
- Software projects: testing, documentation, coverage
- Productivity: Trello, Jira, Asana, Slack, Git, Agile
- CAD for data visualization: inkscape, gimp, krita, manim