

Juan Martín Loyola

✉ jmloyola@unsl.edu.ar • 🌐 jmloyola.github.io • in [juanmartinloyola](#)
📄 [jmloyola](#) • 🗣️ [EvpfZQMAAAAJ](#) • Last updated on January 25, 2024

Experience

- **Machine Learning Engineer**, ICBC, Argentina 2023 – Present
 - Machine learning processes automatization: training, re-training and inference.
 - Deploy and monitor models.
 - Stack: Python, FastAPI, Apache NiFi, Microsoft Azure, Docker
- **Contributor experience team member**, Scikit-learn, remote 2022 – Present
 - Contributed with [PRs](#) and [PRs reviews](#).
 - Organized and ran a [Scikit-Learn Sprint during the ScyPy Latin America 2022](#).
 - Stack: Python, C
- **Teaching Assistant**, National University of San Luis, San Luis, Argentina 2019 – 2023
 - Databases (2020 – 2023)
 - Data Structure and Algorithms (S2019)
 - Logic in Computer Science (F2019)
- **Ph.D. Fellow**, CONICET, Argentina 2017 – 2023
 - Main research topic: application of NLP models for early risk detection.
 - Open-sourced most of the project code. Link to repositories: [\[1\]](#), [\[2\]](#), [\[3\]](#), [\[4\]](#).
 - Stack: Python, Scikit-learn, PyTorch, FastAPI, bash, Pandas, sqlite3, Docker, \LaTeX
- **Student Developer**, NumFOCUS, [Google Summer of Code](#) Jun 2019 – Aug 2019
 - Developed the [Bayesian Additive Regression Trees](#) base implementation in PyMC.
 - Stack: Python, PyMC, NumPy
- **Data Scientist**, Mercado Libre, San Luis, Argentina 2016 – 2017
 - Built machine learning models to detect fraudulent transactions in Mercado Libre's platform.
 - Worked in the model end to end: data cleaning, feature selection, model training, evaluation and deployment in production.
 - Stack: Python, SQL, Java

Education

- Ph.D. in Computer Science, National University of San Luis 2017 – 2023
- Lic. in Computer Science, National University of San Luis 2010 – 2017

Skills

Languages	Python, SQL, Java, C, Bash
Frameworks	Scikit-learn, NumPy, Pandas, FastAPI, PyTorch, PyMC
Platforms & Tools	GNU/Linux, Microsoft Azure, git, sqlite3, Docker, Apache NiFi, \LaTeX

Service

Host	PyData Meetups San Luis (2018 – 2022)
Contributor	PyMC , Scikit-learn