Martín E. Gaitán

Staff Engineer | Python/Django | Developer Experience

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Profile

Computer Engineering (UNC). Python expert (started in 2006), focused on tooling, DX, and web applications.

Experience leading remote teams and open source projects; advocate of open standards and free software.

Broad professional experience and currently strong in agent-assisted development, with continuous learning as a daily practice.

Technical blog at mgaitan.github.io.

Experience

ShipHero, Staff Engineer / Developer Experience Team Manager — Remote, Oct 2019 – Sept 2025, 6 years
- Led the Developer Experience team and internal engineering platform.
- Built the central CLI for engineering workflows.
- Improved tooling, CI, and productivity for distributed teams.

Onapsis Inc., Senior Python Developer — Córdoba, Argentina, Nov 2015 – July 2019, 3 years 9 months
- Built a cybersecurity platform for Fortune 500 companies.
- Contributed to the architecture team and core Python components.

Instituto Técnico Superior de Córdoba, Lecturer - Software Development Technician Program — Córdoba, Argentina, Mar 2016 – Dec 2020, 4 years 10 months
- Professional Practice II (3rd year).

Freelance / Upwork, Python Developer — Remote, Aug 2013 – July 2015, 2 years
- Web projects and automation for international clients.

Phasety, Co-founder — Córdoba, Argentina, 2011-2013
- Scientific software for the oil and gas industry.
- Incubated by Universidad Nacional de Córdoba (Tecnoemprendedores).

Machinalis S.R.L., Senior Python / Django Developer — Córdoba, Argentina, Apr 2011 – Aug 2012, 1 year 5 months
- Built web applications and APIs with Django.

Projects

sphinxcontrib-mermaid
Sphinx extension for Mermaid diagrams.
- Community-maintained open source project.

waliki
Wiki engine based on Django and Git.

fortran_magic
IPython/Jupyter extension to integrate Fortran in notebooks.

python-package-copier-templates

Python project templates with Copier and best practices.

pytest-portion

Pytest plugin for incremental/portion-based test runs.

richterm

Terminal/CLI utilities with Rich for DX.

preciosa

Collaborative platform for price data collection.

curso-python-cientifico

Python course for science and engineering.

Open Source

Contributions to Cython, MoviePy, IPython/Jupyter, Django, and Ruff.

Maintainer of tools and extensions for the Python ecosystem.

Education

Universidad Nacional de Córdoba, Computer Engineering — Córdoba, Argentina
- Capstone project: Thermodynamic diagram visualization software. — Mar 2005 – Dec 2011

Universidad Nacional del Comahue, Electronic Engineering — Neuquén, Argentina
- 19 courses completed. — Mar 2001 – Dec 2003

EPET Nro 14, Electronics Technician — Neuquén, Argentina
- GPA 9.37. — Mar 1995 – Dec 2000

Skills

Languages: Python, JavaScript, Fortran, SQL, Rust (maturin)

Backend: Django, FastAPI, REST/GraphQL APIs

Tooling: CLI/TUI, Rust-Python integration, GitHub Actions, pytest

Data and optimization: Pandas, data cleaning, scraping, SciPy, OR-Tools, NumPy

ML/LLMs: RAGs, LLM integration in products

Infra: Docker, Linux, PostgreSQL, vector databases

Languages

English: Excellent reading and writing; solid speaking and listening for professional technical work.

Spanish: Native speaker

Community

Speaker at national and international conferences.

Member of Python Argentina.

Founding member of Open Data Córdoba, a civic hacktivism collective (election tallies, food prices, and more).

Teaching assistant for Operating Systems I (UNC).