Martín E. Gaitán

Staff Engineer | Python/Django | Developer Experience

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Profile

Computer Engineering (UNC). Pythonista since 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 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.

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).

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.

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.

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).