

Martín E. Gaitán

Computer Engineer | Python expert | Developer Experience, data and backend web systems

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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
<ul style="list-style-type: none"> Led the Developer Experience team and internal engineering platform. Built the central CLI for engineering workflows. Improved tooling, CI, and productivity for distributed teams. 	Oct 2019 – Sept 2025 6 years
Onapsis Inc. , Senior Python Developer	Córdoba, Argentina
<ul style="list-style-type: none"> Built a cybersecurity platform for Fortune 500 companies. Contributed to the architecture team and core Python components. 	Nov 2015 – July 2019 3 years 9 months
Instituto Técnico Superior de Córdoba , Lecturer - Software Development Technician Program	Córdoba, Argentina
<ul style="list-style-type: none"> Professional Practice II (3rd year). 	Mar 2016 – Dec 2020 4 years 10 months
Freelance / Upwork , Python Developer	Remote
<ul style="list-style-type: none"> Web projects and automation for international clients. Upwork profile: https://www.upwork.com/freelancers/~01f1ea8b8299fefcbf 	Aug 2013 – July 2015 2 years
Phasety , Co-founder	Córdoba, Argentina
<ul style="list-style-type: none"> Scientific software for the oil and gas industry. Incubated by Universidad Nacional de Córdoba (Tecnoempreendedores). 	2011-2013
Machinalis S.R.L. , Senior Python / Django Developer	Córdoba, Argentina
<ul style="list-style-type: none"> Built web applications and APIs with Django. 	Apr 2011 – Aug 2012 1 year 5 months

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 <ul style="list-style-type: none">Capstone project: GPEC 2010 (Global Phase Equilibrium Calculations).	Córdoba, Argentina Mar 2005 – Dec 2011
Universidad Nacional del Comahue , Electronic Engineering <ul style="list-style-type: none">19 courses completed.	Neuquén, Argentina Mar 2001 – Dec 2003
EPET Nro 14 , Electronics Technician <ul style="list-style-type: none">GPA 9.37.	Neuquén, Argentina 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, ETL, data cleaning, visualization, 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).