

Python Developer with +4 years of hands-on experience and a **Telecommunications** degree. Open source/Free Software enthusiastic. +4 years teaching computing. Volunteer/organizer of tech events such as FLISoL, Django Girls, TEDx. Hackathon mentions/prizes in the NASA SpaceApps event, and IT challenges with social focus. Strongly interested in networking, RTC software, space mission projects.

EXPERIENCE

[Properati/OLX](#) (Argentina), **Backend Developer** — April 2021-Present

Argentinian real state startUp that operates an online marketplace for lodging and sale of properties

- Collaboration in the development of a new microservices architecture for buyers and sellers platforms depart from a Ruby monolith.

Tech stack: Go, Python, Elasticsearch, Google Cloud, Gitflow, Agile, JIRA.

[Senpai Academy](#) (Uruguay), **Python teacher** — October 2021-Present

Ed academy

- Prepared +10 jupyter notebooks for teaching.
- +40hs Python fundamentals teaching

Tech stack: Python, Jupyterlab, draw.io

[Sadovsky Foundation](#) (Argentina), **Technical Coordinator / Remote Computational Thinking teacher** — Aug 2019-Present

The first Computational Thinking program in Argentina / Primary school remote classes in "Plan Ceibal" - Uruguay

- Implemented several group dynamics, modern project management staff and teaching resources to empower +15 mentors.
- Gave +500 lessons and collected data about more +10 success stories.
- Made funny classes to inspire +400 kids in computing with Scratch and micro:bit.

[Velo.tv](#) (Argentina), **Python Developer** — Jan - April 2021

RTMP and HTTP multimedia streaming on demand written in Python.

- Promoted standards and best practices in the backend team.
- Redesigned and refactored +4 existing projects, improving documentation by adding friendly diagrams.

Tech stack: Python3, fastAPI, jwplatform, elasticsearch, Gcloud, docker, kubernetes, git, gitlab.

[AG Projects](#) (remote-The Netherlands), **Python Developer** — Jan-Dec 2020

Real time communication open source software written in Python.

- Rewrote and packaging +5 twisted projects by Python/Cython 2 to 3 migration with modern stack.
- Developed a [Mobile push notifications RTC server](#) from scratch supplying an easier way to audit problems related to the processing of those notifications with fastAPI.

[Engineering School at National University of Río Cuarto](#) (Argentina), **Teacher assistant** Nov 2016-Feb 2020

"Introduction to Telecommunications Engineering" course

- Prepared +4 [laboratory experiences](#), +10 technical notes.
- By teaching and promoting empowering activities to +500 first year students.

[Fonexa S.A.](#) (Argentina), **IoT Telecommunications Internship** — Aug-Dec 2019

LoRa/LoRaWAN IoT prototype solution to the professional internship

- [Quality academic research](#) about +50 telecommunications fundamentals and +20 own diagrams.
- Built a cheap but powerful prototype using Arduino, ESP32, Raspberry Pi with +3 potential case of local industry use.

Self-employed (Argentina), **Python Instructor** — May 2019-Dec 2019

- Organized and mentored general purpose, on demand and scientific Python courses to +100 assistants.
- Managed scholarships for +10 girls and drove a local python community.

Freelance (Argentina), **Python web developer** — 2018

- Developed a REST API and data visualization dashboard for Freeradius for +50 users using Python3, Flask, SQLite, Dash.

PROJECTS

[I love pdf telegram bot](#) – 2021

(Personal Project) A Telegram bot which offers all ilovepdf.com features using Python3 and telegram-bot lib.

[ARQcheros](#) – 2018

(Academic project) Flask web application to admin, manage and automate calculus of archaeological data.

[EspectroAR](#) – 2017

(Introduction to Telecommunications course) Data visualization of Argentinian radio Spectrum with HTML, CSS and JavaScript.

SKILLS

Programming Languages: Python, Scratch, Markdown: advanced; Golang, Bash, Latex, intermediate; Ruby, HTML, CSS, JS: fundamental

Frameworks and Tools: FastAPI, advanced; Flask, Jekyll, twisted, Django: intermediate; docker, fundamental

Languages: English, Intermediate; Spanish, Native

EDUCATION

National University of Río Cuarto – Río Cuarto, Córdoba, Argentina.

Bachelor of Engineering, Telecommunications Engineering, —Feb 2012-Dic 2019

Signal analysis and processing, networking and optical communication fundamentals, engineer simulations.

National University of Jujuy – San Salvador de Jujuy, Jujuy, Argentina.

Secondary diploma, IT Technician, —Feb 2006 - March 2012

Algorithm fundamentals, OOP.