MARCOS MEDRANO

Senior Software Engineer

📞 (+33) 7 82 31 38 32   @ marcos.medrano@scille.fr   🔗 linkedin.com/in/marcosmedrano

📍 Toulouse, France

EXPERIENCE

Technical Product Manager

Scille

📅 2023 - Present   📍 Remote

- In charge of Parsec product roadmap & strategy

Project Leader

SPACEBEL

📅 2017 - 2022   📍 Labège, France

🔗 https://timeloop.fr/vts/

- Led a team of 3-5 engineers on building VTS, a multi-platform toolkit for space data visualization
- Designed and maintained TCP-based protocols
- Integrated test coverage and static code analysis into CI
- Mentored engineers on design and coding best practices

Software Engineer

SPACEBEL

📅 2015 - 2017   📍 Labège, France

🔗 https://timeloop.fr/vts/

- Developed VTS core features and plugins (C++/Qt, Python)
- Ported entire codebase from Qt4 to Qt5
- Rewrote World Map application integrating SOLID principles
- Automated docs generation with Sphinx/ReadTheDocs
- Migrated software components from Trac/SVN to GitLab

Computer Vision Research Intern

Airbus

📅 2014   📍 Toulouse, France

- Developed Qt/C++ prototype for Egomotion estimation
- Tested and Benchmarked OpenCV-based solutions

Teaching Assistant

University of Buenos Aires

📅 2009 - 2013   📍 Buenos Aires, Argentina

- Taught programming & algorithm analysis (C, Python)
- Tutored and provided individualized teaching to approximately 50 students per semester

Software Project Reviewer

Ministry of Science, Technology and Innovation

📅 2009 - 2013   📍 Buenos Aires, Argentina

- Reviewed & promoted public funding requests for the National Software Industry Trust Fund (FONSOFT)

Full Stack Software Developer

Zauber SA

📅 2008 - 2009   📍 Buenos Aires, Argentina

- Developed Scrummage web tool for project management

SKILLS

C++ Python Rust Qt/QML

Shell Linux BuildTools

Networking Git CI Jenkins

Docker Mentoring Leadership

EDUCATION

Research Master: Computer Science and Applied Maths

ENSEEIHT, INP-Toulouse

📅 2013 - 2014

Computer System Analysis

University of Buenos Aires

📅 2008 - 2013

LANGUAGES

English
Working Proficiency   ●●●●●

French
Working Proficiency   ●●●●●

Spanish
Native   ●●●●●

CONTRIBUTIONS

python/python-docs-es
Spanish translation of the Python documentation

bagder/http3-explained
Collaborative effort to document HTTP/3 and QUIC protocols

Aprendiendo a programar con Python (co-author)
Learning to program with Python

Congreso Interactivo
Access bills and Voting info from the Argentinian Congress