



Francisco Crespo Erramuspe

PIPELINE & ANIMATION TD – SOFTWARE ENGINEER

PERSONAL DETAILS

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ABOUT ME

Industrial Engineer by structure, Software Engineer by passion. I specialize in developing and maintaining production tools for animation and VFX pipelines, helping connect technology with artists' needs. Skilled in Python, Maya, and ShotGrid, I focus on automation, performance, and building intuitive tools that improve daily workflows. Curious, fast learner and driven to keep growing in advanced Python and AI applied to CG production.

SKILLS

- Python - Django
- Maya - PyQt
- ShotGrid
- Git - Github / Gitlab
- Rest API
- JavaScript ES6 - React
- Ruby on Rails
- SQL / PostgreSQL

LANGUAGES

- Spanish: Native
- English: Advanced

WORK EXPERIENCE

Python Software Engineer & Animation TD - Lightbox Animation Studios Mar 2023 - Nov 2025

- Maintain and/or refactor existing code to improve performance, design or update to new Python versions.
- Design, develop, test and debug tools for Maya, ShotGrid and internal production databases.
- Support animation, layout, rigging, surfacing, hair and FX departments with technical troubleshooting and workflow improvements.
- Develop and maintain animation-focused tools (camera utilities, checks, caches, scene validation, automation).
- Collaborate with artists and production teams to optimize processes and enhance efficiency across the pipeline.

Full Stack Developer & Web Consultant - Freelance Mar 2024 - Present

- Freelance consultancy services, working with various clients on web development projects.

Market Representation Analyst - Ford Motor Company Jun 2019 - Jun 2021

- Financial Statement Analysis - Business Plan Organization
- Supervision of different processes with dealers

SOFT SKILLS

- Strong communication with artists & production.
- Proactive and collaborative mindset.
- Problem-solving & efficient debugging.

EDUCATION

Full Stack Web Developer - Le Wagon (Madrid) Oct 2022 - Dec 2022

Industrial Engineer Degree- UADE (Buenos Aires) Mar 2015 - Mar 2021