FAUSTO FANG

Software Engineer | Applied AI & Backend Systems

Buenos Aires / Abu Dhabi | +54-11-5774-2693 | +971-54-789-6945

faustofang@gmail.com | linkedin.com/in/faustofang | github.com/ffang0224

SUMMARY

Software Engineer with 3+ years building production multimedia pipelines, backend services, and full-stack apps. LLMs, Whisper, GPU inference, async processing. Co-founded SaaS with 300+ customers, 1000+ video feeds.

EXPERIENCE - Lisual Audiovisual, Founding SWE, 2023-2026 (lisual.com)

Co-founded audiovisual monitoring SaaS (lisual.com), 300+ customers incl. Four Seasons, Hilton, UTDT.

- Backend ingest/transcode/distribute 1000+ feeds: Node.js, TypeScript, FFmpeg, RTSP/HLS, Google Cloud.
- Queues, concurrency, retries, idempotency, status tracking for long-running tasks.
- Render config/preview: React, Remotion, Creatomate. Cut storage 40%+.

AI PROJECT - DeepCheck, Jun 2025 (1st place, Best Use of Modal)

36h multimodal misinformation pipeline for short video: Whisper transcription, LLM claim extraction, evidence retrieval, source-backed analysis. GPU inference in Modal ephemeral containers, ASGI endpoints.

RESEARCH - Intalyzer (Under Review 2026)

Static analysis for race conditions in interrupt-driven software: C++, LLVM, Phasar (.ino). Benchmark + eval dataset. Submitted ICSE 2027 Research Track.

ADDITIONAL - Lecto App, 2020-2022

Word-like text editor for dyslexia, audio + adaptive rendering. 2 Sadosky awards, 10,000+ users. Press in Infobae and La Nacion, plus Disfam and Microsoft.

EDUCATION - NYU Abu Dhabi

B.A. Interactive Media; B.S. Computer Science; Minor Applied Mathematics. AI, LLMs, DSA, Linear Algebra, Web Dev.

SKILLS

Python, TypeScript, JS, SQL, C++, Java | LLM APIs, Whisper, RAG, Modal | Node, Express, REST, Postgres, Firestore, GCP, AWS, Docker, Firebase | React, Next.js | ES/EN/Mandarin native, Japanese intermediate.