

Guido Jacofsky

Software that touches the physical world

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PROFILE

Guido Jacofsky is a 17-year-old Argentine student from Buenos Aires who finishes high school in the ICT track at ORT Argentina in December 2026. At Gemm, a four-person team building industrial robotics software on Unitree robots, he owns the virtual reality teleoperation of the Unitree G1 humanoid (with a Meta Quest 3 headset, running entirely inside the robot), the robot's web panel and the manipulation module for the Dex5-1 hands. He is the founder of Platto, a restaurant menu where every dish can be seen in 3D and augmented reality from the browser. His first serious project was Quicky: temporary rooms to share text, code and files between devices with no account, which ran live on its own server. He also rebuilt the OftalmoLegal website (from ARS 400,000 to ARS 25,500 a year, with SEO and GEO) and built RepoGuide and the stock and counter system for his grandfather's plumbing supply shop.

PROJECTS

Gemm — VR teleoperation, robot panel and Dex5-1 manipulation

Mar 2026 — now

Software that lets commercial robots work in industrial plants.

- Virtual reality teleoperation of the Unitree G1 humanoid with a Meta Quest 3, running inside the robot, with its own network and live high-definition video.
- Robot web panel: battery, state of all 29 motors, camera, offline Spanish voice, phone remote control and alerts.
- Manipulation module for the Dex5-1 hands: a grip that adjusts its force to the material (137 tests).
- Control of the Unitree Go2, which can't be programmed: the team's own system talks to the robot like the official app does; the base of Gemm Blocks, where I added 13 actions.
- Real-world debugging on the robot: periodic connection drops, VR video dying, and a LiDAR with a hardware fault.

Platto — Founder · the whole product

Jul 2026 — now

A menu where every dish shows up in 3D and augmented reality, with nothing to install.

- Restaurant menu with every dish in 3D and augmented reality from the browser, with nothing to install.
- Six paths to 3D models true to the real dish: external reconstruction services, my own system and generative AI models.
- Full product: restaurant panel, per-table QR codes, multiple branches, reports, per-restaurant data isolation, AA accessibility and automated tests.

Quicky — Everything: product, design, frontend, server and deploy

Apr — Jun 2026

Temporary rooms to move text, code and files between devices, no account needed.

- My first serious project: temporary rooms with a 6-character code to move text, code and files between devices, no account. They're deleted after 2 hours.
- Real-time chat, files up to 1 GB with previews, polls, collaborative notes and an AI assistant inside the room.
- Ran live on its own server: abuse limits, my own security audit, and tests that block the deploy if anything fails.

OTHER PROJECTS

OftalmoLegal (2026) My dad's website: a WordPress landing page that cost ARS 400,000 a year and didn't show up on Google. I rebuilt it as a static site, with an interactive perimeter and full SEO and GEO. Now only the domain costs money: 94% less.

RepoGuide (2026) Understand any repository in 20 minutes. It analyzes a GitHub repo and tells you what to read, what to skip and in what order for the task at hand, and it remembers what you already understood.

Sanitarios Moldes (2026) My grandfather's plumbing supply shop is 50 years old and never had a system. I built the online catalog with in-store pickup and a counter that looks items up by code, records the sale and updates stock, so he can check how the day is going without being there.

Bot P2P USDC/ARS (2026) Compares the price of USDC in pesos between p2p.me and Binance P2P and pings Telegram when the gap goes over 1%. It reads prices straight from the smart contract on the Base network, with no browser or login.

PetCare (2025) A smart pet feeder with an ESP32-CAM: schedules, portions, treats and a camera from an app. I built the backend (Node, Express and PostgreSQL) and the portion recommendation by breed and weight.

Hackathons (2026) Sana, at Di Tella: AI triage for places with no doctor nearby, designed and pitched in two hours. TICApp, an AI platform for teachers: we didn't win. And one Google ran at ORT, where we showed Gemm Blocks; that led to a class at ITBA.

TALKS AND MEETINGS

- Parque de la Innovación Community Meetup (Sep 2026): presented Gemm with the G1.
- ITBA, Robotito program (Jun 2026): class with the Unitree Go2 and Gemm Blocks.
- YPF and Pan American Energy (2026): use-case validation meetings for Gemm.
- Universidad Torcuato Di Tella hackathon (May 2026): Sana, AI triage.
- Google hackathon at ORT (Jun 2026): showed Gemm Blocks, which led to the ITBA class.

EDUCATION

ORT Argentina — ICT track (Information and Communication Technologies)

Graduating December 2026

TOOLS

Languages: TypeScript · JavaScript · Python · SQL · C · Bash

Web: Next.js · React · Tailwind CSS · Node.js · Bun · Express · Elysia · FastAPI · REST APIs · WebSockets · Auth · shadcn/ui · 3D and AR in the browser

Data: PostgreSQL · Prisma · Drizzle · Supabase · Neon · Redis · SQLite

Robotics: VR teleoperation · Unitree G1 and Go2 · ROS 2 · Embedded Linux · WebRTC · MuJoCo · ESP32

AI: Claude Code · LLM APIs · Computer vision · 3D reconstruction · Pandas / NumPy · Machine learning · Speech (STT / TTS)

Deploy and tools: Git / GitHub · Vercel · Docker · Turborepo · GitHub Actions · Railway · Playwright · Figma

LANGUAGES

Spanish (native) · English (advanced, C1)