

## Profile and Stack

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**AI/Software engineer** focused on applied AI and product-oriented ML systems. Strong in machine learning, with experience across backend, data workflows, and full-stack product work. Targeting high-impact early-career roles with strong technical teams building ambitious systems.

**Languages:** Python, C/C++, SQL, Java, TypeScript, MATLAB

**Full-stack:** FastAPI, Flask, Node.js, Next.js, Redis, Rest APIs, PostgreSQL, MongoDB, HTML/CSS, Chrome Ext

**Data / ML:** PyTorch, sklearn, Pandas, XGBoost, Reinforcement Learning, Fine-tuning, OpenCV, ONNX

**Workflows / Systems:** LLM integration, RAG, Vector Databases, Scraping (Selenium,BS4), Robotics (ROS2)

**Infra / Hardware:** AWS, GCP, Unix, Docker, Runpod, Git, Nvidia Jetson, Raspberry Pi, ESP32, Arduino

## Experience

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- Glimpse | meetglimpse.com** New York, NY  
**Backend Engineer, Full-time** — *Trend intelligence startup, product used by 100k+ users* Mar 2024 – Sep 2024
  - Built **backend data infrastructure**, internal tooling, and **multiple user-facing features** across the stack.
  - Led and built** most of a **\$120k ARR** data pipeline project for a large NY hedge fund in a 2 month span.
  - Built and integrated a calibration method** to fix a numeric drift bug on a core product feature, lowering avg. prediction errors by up to 50%.
  - Took on **operational ownership** well beyond typical SWE scope in a fast-paced startup environment, handling customer service, bug-reports, and client-specific needs along with the SWE and data science workloads.
- The Network | thenetwork.com** San Francisco, CA  
**Python Developer, Internship** — *People-Search AI, tiny pre-seed stage startup* Jul 2023 – Sep 2023
  - Improved **scraping, parsing, cleanup, and analysis** of messy people-search data as part of a very early-stage team.

## Projects

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- Clankoids:** Chrome extension that filters bot users and AI generated content in real time on X/Twitter using **custom-trained ML models**. **20% higher accuracy** and ROC-AUC than other public bot detection tools like Botometer and BotBlock. **Launched to 300+ users** organically in the first two weeks. Built across a TypeScript frontend, FastAPI backend, fine-tuned and quantized LLM (roBERTa), custom-trained LightGBM, Redis queues, Dockerized backend, Supabase DB.
- Dynamic-Obstacle-Aware Safe Landing Zone Prediction:** Final thesis project for my AI Engineering degree: emergency **drone landing system improvements** for high density urban scenes using obstacle motion prediction, learned spatiotemporal risk maps, and safe touchdown selection under UAV motion constraints. (In progress, private repo)
- DoomscRL:** Weekend Hackathon research project where an **RL agent** learns to doomscroll "optimally" by maximizing a synthetic brain-activation reward predicted by Meta's TRIBE v2 fMRI Transformer. Built across reward modeling, PPO-clip training, cloud GPUs, replay/export tooling, and a public Next.js demo. (SillyHacks NYC 2026)
- Gazelle:** Webcam-based eye gaze prediction model trained on a custom multi-user dataset; **Improved accuracy by 25%** over the popular WebGazer.js on our benchmarks. Trained CNN, ResNet, and MobileViT model architectures.

## Education

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- Universidad de San Andrés (UdeSA)** Buenos Aires, Argentina  
**Engineering degree in Artificial Intelligence** 2021 – 2026 (Expected June 2026)

## Additional

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- Award:** Won the 2025 Argentine National Data Visualization Competition organized by the Department of Science and Technology, for my project **milla201.com**. (Built in 1 week)
- Languages:** English (native), Spanish (native), Hungarian (conversational).
- Interests:** Love photography & videography (gaborgorondi.com), music production, editing & digital design, hiking, cross-functional training, tinkering, and learning.