

# Tomás Pablo Korenblit

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Data scientist who builds production systems. 4+ years shipping statistical modeling, ML, and backend Python.

## EXPERIENCE

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**Ascendancy** • Partner & Founding Engineer Jan 2026–Present

- Architected NetworkOS: graph-based platform managing a 100K-person network of investors, founders, and executives (Americas, MENA, Europe)
- Designed dual-database layer (Neo4j + PostgreSQL) with schema-driven validation, automated deduplication, and Redis distributed locking
- Built AI assistant (natural language → Cypher), workflow engine (22 step types), and async data ingestion pipeline
- FastAPI • Python 3.13 • Neo4j • PostgreSQL • Redis • Next.js 15 • TypeScript • GCP

**Invisible Technologies** Dec 2022–Dec 2025

*Software Engineer* (Jun 2025) • *QC Data Analyst* (Jun 2023) • *AI Data Trainer* (Dec 2022)

- Built RLHF interface platform: RAG-powered conversation builder with versioned bundles, distributed to tens of thousands of AI trainers at the largest AI companies
- Built statistical QC framework (Cohen's  $\kappa$ , hypothesis testing) to evaluate instruction effectiveness across 150+ agents training LLMs; surfaced results in dashboards (Python, Looker) used by the full team

**Klouser** • Data Scientist / Data Engineer Dec 2021–Oct 2022

- Built prospect generation system: trained 3 competing models with cross-validation, normalized yield comparison, and feedback loops that increased daily leads 5x (Python, Pandas, PostgreSQL, Flask, Scikit-learn)
- Built text classifier (BERT, sentiment analysis) on 6,000 client profiles to qualify leads
- Automated customer invoicing with Xero. Built billing matrix and revenue calculation across the full customer base

## PROJECTS

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**Entendi** • Comprehension layer for AI coding tools (Claude Code, Cursor, VS Code). Tracks developer understanding using Bayesian knowledge tracing and information-gain-based probing. [entendi.dev](https://entendi.dev)

**CheckMate 8335** • Founded Argentina's first FIRST® Robotics Competition team. 35+ members, \$11K+ raised

**Unicope** • 3D-printed telescopes for STEM education in underserved communities (founded at 17)

## EDUCATION

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**BS Data Science** • Universidad Nacional de San Martín 2021–2026

Coursework: Bayesian inference, statistical inference (frequentist & Bayesian), MCMC methods, variational inference, time series, experimental design

**Mechatronics** • ORT Argentina 2014–2020

## SKILLS

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Methods: Bayesian inference, hypothesis testing, A/B testing, MCMC, cross-validation, MLE, regularization (ridge/lasso), PCA

Languages: Python, TypeScript, Julia, R, Cypher, SQL, C++

Backend: FastAPI, Flask, Hono, Pydantic, SQLAlchemy, Alembic

Data: Neo4j, PostgreSQL, Redis, Pandas, NumPy, Scikit-learn

Frontend: Next.js, React, Mantine

Infrastructure: GCP (Cloud Run, Cloud SQL, Pub/Sub, Memorystore), Docker

Spoken: Spanish & English (native bilingual)