ANANO KUTCHAVA

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Research interests: reliability and evaluation of LLM-based systems; software engineering for dependable AI

EDUCATION

KUTAISI INTERNATIONAL UNIVERSITY *2023 – 2027 (expected)*

Bachelor of Science in Computer Science

GPA: 3.39 / 4.0 · Ranked 16th of 167 students in the Computer Science cohort (top 10%).

Bachelor's thesis (in progress): productivity of human-written code versus LLM coding assistants. Supervisor: Prof. Walter Tichy.

Relevant coursework: Deep Learning, Applied LLM Systems, Software Engineering, Databases, Computer Networks, Numerical Programming.

RESEARCH EXPERIENCE

UNDERGRADUATE RESEARCH, KUTAISI INTERNATIONAL UNIVERSITY *2026 – present*

Supervisor: Prof. Walter Tichy (formerly Karlsruhe Institute of Technology)

- Investigating the productivity of LLM-based coding agents and why they fail to repair constraint violations mid-task, using controlled experiments rather than anecdotal evaluation.
- Designing the experimental protocol, task set and evaluation metrics; results feed into the bachelor's thesis.

AGON – STRUCTURED DEBATE BETWEEN LANGUAGE MODELS *Coursework project*

- Built a framework in which language models debate 25 philosophical problems before an LLM judge; showed that the judge's assigned persona changed which debater won, exposing how evaluation design shapes conclusions.

GEORGIAN WORD-LEVEL SPELLCHECKER *NLP project*

- Created an error-correction dataset for Georgian from scratch and trained a sequence-to-sequence model for word-level spelling correction, a low-resource language with few existing tools.

TEACHING EXPERIENCE

KUTAISI INTERNATIONAL UNIVERSITY *2023 Winter Semester – 2024 Summer Semester*

Student Tutor, Computer Architecture and Computer Architecture Laboratory

- Supported teaching over two semesters: explained computer architecture concepts and guided undergraduates through laboratory assignments.

PROFESSIONAL EXPERIENCE

MEAMA *February 2026 – present*

Forward Deployed Engineer

- Built Statica, a call-centre intelligence system that transcribes and classifies calls, extracts verbatim evidence and tracks customer commitments; ambiguous cases are escalated for human review, and resolutions feed back into classification.
- Architected and deployed a 35-agent LangGraph platform integrating Shopify, Meta Ads, FINA ERP and Google Analytics across 12+ channels for pricing, campaign optimisation and inventory planning.
- Developing MEAMA OS, a shared workspace in which employees and AI agents collaborate over company data; every agent acts under the requesting user's permissions and consequential actions require human approval.
- Built AWS data pipelines consolidating operational data into a shared warehouse, and demand-segmentation and forecasting tools for stockout risk and reorder timing.

PRMTR *2025 – present*

Co-founder and CTO – currently maintenance only, a few hours per month

- Co-founded an AI commercial analytics platform whose agents investigate sales and marketing data and propose actions for human approval; deployed at Meama and other enterprise clients, processing more than 220,000 orders.
- Designed its reliability layer: an independent verifier re-executes the SQL behind every finding, while pricing and margin constraints remain in deterministic code.

ARCI ENGINEERING HUB *August 2026 – present*

AI and Data Specialist – project-based, as time allows; no active project at present

- Designed the data architecture for Grid Park, a multi-module operations platform (orders, dispatch, fleet, billing, pricing), with a configurable PostgreSQL/Supabase schema that stores business rules as data.

WILCO – EV TAXI PLATFORM *October 2026 – present*

Lead Software Engineer (part-time)

- Leading a team of three building an EV taxi platform for Tbilisi.

HONOURS, AWARDS AND SCHOLARSHIPS

- 100% National Scholarship: ranked among the top 100 students nationally in the university entrance examinations (2023).
- State Stipend for academic excellence (3rd year of studies).
- University Stipend for academic excellence (every year of studies, 1st–4th).
- School silver medal for academic performance.

EXTRACURRICULAR ACTIVITIES AND COMMUNITY ENGAGEMENT

- Volunteer Technology Advisor, სართული (Sartuli), Georgian political party: advising on digital tools and technology strategy (unpaid).
- University team leader and competitive player, intellectual game “What? Where? When?” (four years).
- Volunteer, Palitra L publishing house: one year supporting reading-engagement programmes for teenage readers.
- Member, Cohere Labs open-science community and Google Developer Groups; participant, Meama NextGen Innovation Programme.

TECHNICAL SKILLS

Programming: Python, TypeScript/JavaScript, SQL, FastAPI, REST APIs, event-driven workflows.
AI systems: LangGraph, LangChain, Anthropic and OpenAI APIs, multi-agent orchestration, retrieval-augmented generation, agent evaluation.
Machine learning: PyTorch, scikit-learn, pandas, forecasting, clustering (HDBSCAN), XGBoost, LightGBM.
Infrastructure: PostgreSQL, Supabase, AWS, Docker, Kubernetes, Git, CI/CD.

LANGUAGES

Georgian (native) · English (C1, fluent)