LUKA ALADASHVILI

SOFTWARE ENGINEER

CONTACT

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🌐 LinkedIn Profile

🖥 LeetCode Profile

◈ *GitHub Profile*

EDUCATION

2025 (April) - Present
GAIA

- AI Development and Research

2024 - Present
FREE UNIVERSITY OF TBILISI

- Mathematics and Computer Science bachelor
  3.8 / 4.0 GPA

2012 - 2024
GEORGIAN-AMERICAN SCHOOL

- GPA: 4.0 / 4.0

SKILLS

Programming
- C++
- Java
- Python

AI & Data
- Prompt engineering
- Model fine-tuning
- LLMs

Technical Skills
- API Development
- Automation Workflows
- Data Structures & Algorithms
- Database Systems
- AWS

PROFILE

Software engineer with a strong foundation in computer science, mathematics, and applied AI. Experienced in designing scalable architectures, developing intelligent systems, and integrating large language models into real-world applications. I specialize in algorithmic optimization, backend engineering, API development, and rapid prototyping of AI-driven solutions. Combining analytical depth with practical execution, I focus on building reliable, efficient, and impactful software that bridges innovation and usability across modern technology domains.

WORK EXPERIENCE

Free university of Tbilisi | 2025 – PRESENT
Teaching Assistant in Programming Methodologies
- Taeaching Java fundamentals and guided debugging.
- Grading assignments and supporting student learning.

Freelance REMOTE | 2023 – PRESENT
Freelance Software Engineer
- Design, build and maintain backend systems for clients using Java, C++ and Python.
- Optimize system performance, refactor legacy code, and implement maintainable solutions under tight timelines.

Georgian-American school ON-SITE | 2022 – 2024
Technical Program Manager
- Led a team of 5 student engineers to build award-winning backend solutions for ICYS and IJSO competitions.
- Mentored peers on programming fundamentals, clean code practices, and project workflows; organized weekly code review sessions and workshops.

ACHIEVEMENTS

- Recipient of the Impel AI STEM Scholarship - Awarded to outstanding emerging professionals in technology and innovation.

- Winner – Multiple programming & STEM Contests & Regional Hackathons)

- 1st Place – Java Backend Challenge: Algorithms & Data Structures

- 1st Place – Komarovi STEM Competition (sponsored by Bank of Georgia)

- Top Scorer – Unified National Exams