

# LUKA ALADASHVILI

## SOFTWARE ENGINEER

### CONTACT

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📍 Georgia, Tbilisi

🌐 [LinkedIn Profile](#)

💻 [LeetCode Profile](#)

### EDUCATION

**2025 - Present**  
**GAIA X ISET**

- AI Development and Research  
4.0 / 4.0 GPA

**2024 - Present**  
**FREE UNIVERSITY OF TBILISI**

- Mathematics and Computer  
Science bachelor  
3.81 / 4.0 GPA

**2012 - 2024**  
**GEORGIAN-AMERICAN SCHOOL**

- GPA: 4.0 / 4.0

### PROFILE

Software Engineer with over 3 years of experience designing, building, and optimizing high-performance backend systems. Skilled in Java, C++, Python, multithreading, API development, and scalable system design. Strong foundation in backend architecture, object-oriented programming, and AI model deployment. Known for writing clean, maintainable code and delivering robust solutions under tight deadlines. Experienced in leading small teams, mentoring peers, and promoting best practices. Passionate about backend engineering, automation, and continuous learning to solve complex problems and grow professionally.

### WORK EXPERIENCE

**Freelance** REMOTE | 2023 - PRESENT

Freelance Software Developer

- Design, build, and maintain high-performance backend systems for clients using Java, C++, and Python.
- Develop multithreaded data ingestion and processing pipelines optimizing for scalability and performance.
- Create custom software solutions including REST APIs, automation tools, and data processing applications.
- Apply system design and cloud technologies (AWS) to enhance application reliability and maintainability.

**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 Java/C++ fundamentals, SOLID design, exception handling, and clean-code best practices through weekly code reviews and workshops.

### SKILLS

#### Programming

- C++
- Java
- Python

#### GenAI

- Prompt engineering
- Model fine-tuning

#### Other

- Machine Learning
- System Design
- REST APIs
- Competitive Programming
- Data Structures & Algorithms
- Database Systems
- AWS

### ACHIEVEMENTS

1st Place – STEM Competition, held by Bank of Georgia

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

Winner – Multiple Competitive Programming Contests (MediaLab, University Hackathons)

Top Scorer – Unified National Exams (Full Academic Grant)