

Aleksi Svanidze

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EXPERIENCE

Google Poland

SWE STEP-Intern

N/A

Warsaw, Poland

- Hired, but legal issues with residing in Poland interfered with the internship

Huawei Netherlands

Machine Learning Researcher Intern

Oct. 2024 - April 2025

Remote

- Worked on **NLP** tasks, primarily focusing on **TTS** and **ASR**
- Assisted in improving and/or developing new AI models for STT, TTS & ASR (+ NDA)

HackerRank

DSA Subject Matter Expert (Contractor)

July 2024 - Sept. 2024

Remote

- Curated, designed and solved **high quality, complex DSA** problems and content in **C++**, **Python**, etc
- Collaborated with multiple teams to ensure the content aligned with industry standards
- Reviewed and tested existing content for accuracy, clarity and effectiveness

Freelance

Software & Algorithm Developer

May 2023 - Aug. 2024

Remote

- News feed generation algorithm, capable to serve over **10 thousand** concurrent requests under **1 second**.
- HDO Tracer to recover a disease tree/graph. Capable of tracing **hundreds** of diseases under **50ms** - Python
- Numerous other algorithmic topics, including problem design for B.Tech university final exams, 1-1 lessons, etc.

ScaleAI

Algorithm/Solution Developer (Contractor)

May 2023 - Dec 2023

Remote

- Helped/Mentored a community of over **600 people** to improve their work quality to over **90%** success rate.
- Developed Algorithms for various Olympiad and CP problems using C++ with an astonishing **98%** success rate
- Promoted to Community Lead, and then GQA until the project ended indicating **success**, and **potential** I hold

EDUCATION

Warsaw University of Technology

Bachelor of Science in Computer Science and Information Systems

Oct. 2023 - June 2025

Warsaw, Poland

- DNF: Residence permit & nostrification issue.

Caucasus University

Bachelor of Science in Computer Science

Sept. 2021 - TBD

Tbilisi, Georgia

- Teaching Assistant in Principles of Programming 1-2 & DSA

PROJECTS

RealTime-STT (Python, Gradio)

2024

- Real-time Speech-to-Text transcription using Python, Gradio, and Sherpa-onnx pretrained LLM

RealTime Room Messaging (Go: Gin, WebSocket; Js; MySQL)

2024

Huffman's Encoding Algorithm implementation (C++)

2022

Pathfinder Algorithms Visualisation - Dijkstra, A*, DFS, BFS & other pathfinder algorithms(C#)

2021

ACHIEVEMENTS

- Google Kickstart** - Placed **Top 300(5%)** (2023)
- ACM-ICPC** - International Collegiate Programming Contest: **Northern Eurasia Finals** (2021, 2022)
- EECCA** - Member of a contest talent summit held by Huawei (2018-2020)
- Regional Programming Contests: Multiple **top 3 places** (2018-2020)

SKILLS

Programming Languages: Go, Python, C/C++

Tech skills: Data Structures & Algorithms, OOP, AI/ML, Git, SQL & Relational Databases, Unix

Soft skills: Teamwork, Communication, Critical thinking, Problem Solving, Resilience

Languages: English (fluent), Georgian (native)