GUKASIAN VLADIMIR

3nd year student at MIPT DREC
Data Scientist/Python developer

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EXPERIENCE

Data Scientist in e-com
DIGINETICA & TBANK

April 2024 – Ongoing Moscow, Russia

- Spellchecker
- LLM agents
- RAG models
- Prompt engineering
- Synthetic data

Data Scientist
llmarena.ru

November 2024 – Ongoing Moscow, Russia

- Filtering and processing of user data
- Sentiment and style analyze
- Prompts categorization
- LLMs ranking

Data Scientist
ROBLOX Marketplace

Dec 2024 – Jan 2025 Moscow, Russia

- Development of antifraud system

ML engineer (R&D)
ISP RAS

July 2023 – April 2024 Moscow, Russia

Development of a toolkit for fuzzing neural network:

- Fuzzer of language models
- Visualization of neural network layers after fuzzing
- GANs as mutation for fuzzing

ADDITIONAL PROJECTS

Binary Translator

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This project is a description of the development of a binary translator for my own programming language. In the development process, I also worked with a virtual processor that I created, which serves as an alternative method of executing programs. The goal of my work was to study the compilation process and compare the performance between executing a program through my binary translator and the virtual processor.

SKILLS

Python NLP Docker Linux Git Cursor V0 C/C++ Assembly Verilog

LANGUAGES

English ●●●●○

Russian ●●●●●

EDUCATION

B.Sc. in Applied mathematics and physics (Computer science and radio engineering)
MIPT

Sept 2022 – June 2026

ADDITIONAL COURSES

Advanced machine learning methods
MIPT

Jan 2024 - Dec 2024

Algorithms and data structures
VK Education

Sep 2023 - Dec 2023

Modern NLP. LLM
VK Education

Sep 2024 - Dec 2024

Hash table optimization

C Assembly SIMD KCachegrind

The aim of this project is to study the potential to optimize hash functions and the hash table infrastructure to improve their performance. In addition, it involves conducting an analysis to determine the necessity of specific optimizations.