GUKASIAN VLADIMIR

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

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EXPERIENCE

Data Scientist
ROBLOX contractor

Dec 2024 – Jan 2025 Moscow, Russia

- Detecting fraudulent transactions on the marketplace

Data Scientist
llmarena.ru

November 2024 – Ongoing Moscow, Russia

- Filtering and processing of user data

Data Scientist in e-com
DIGINETICA

April 2024 – Ongoing Moscow, Russia

- Spellchecker development
- LLM agents
- RAG models
- Prompt engineering
- Generating synthetic user queries

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

C

This project is a description of the development of a binary translator for my own programming language. In the process of development, 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.

Hash table optimization

STRENGTHS

Hard-working | Stress resistance | Sociability | Eye for detail

C/C++ | Python | CV/NLP | Assembly | Docker | Linux | Git

LANGUAGES

English ●●●●○

Russian ●●●●●

EDUCATION

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

Sept 2022 – June 2026

ADDITIONAL EDUCATION COURSES

Advanced machine learning methods
MIPT

Jan 2024 - Dec 2024

Algorithms and data structures
VK Education

Oct 2023 - Dec 2023

Modern NLP. LLM
VK Education

Sep 2024 - Dec 2024

C Assembly SIMD KCachegrind

The aim of this project is to study the potential for optimizing hash functions and hash table infrastructure in order to improve their performance. Additionally, it involves conducting an analysis to determine the necessity of specific optimizations.