




TIMUR LIDZHIEV

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Education

HSE University

Sep. 2021 — Expected June 2025

Bachelor of Science in Computer Science

GPA: 8.3/10

Relevant Coursework

- Linear Algebra
- Probability and Statistics
- Real Analysis
- Numerical Analysis
- Python for Data Science
- Python Programming
- Data Structures
- C++ Programming

Projects

Image Processor | C++, STL

Nov. 2023

- Created the console application for BMP image processing
- Implemented kernel filters and a convenient base for creating new filters using std::variant
- Implemented the most efficient filter algorithms

Technical Skills

Languages: Python, SQL, C++

Frameworks: Scikit-Learn, Sci-Py, Numpy, Pandas, Plotly, Matplotlib, Seaborn

Extracurricular

PINNs Project

Sep. 2023 — Dec. 2023

HSE University

- Currently engaged in research and development of a Physics Informed Neural Network (PINNs) project, focusing on the implementation of loss functions for differential equations with discontinuous functions. Investigating optimal strategies for handling such cases;

Teacher Assistant for Real Analysis Course

Sep. 2023 — June 2024

HSE University

- Developed and administered quizzes, exams (midterm and final), and homework assignments;
- Assessed and analyzed student performance, offering valuable feedback;
- Provided professional support to a group of 30 students during weekly consultation sessions, addressing their inquiries, clarifying complex concepts, and assisting them in successfully mastering the course material.

Teacher Assistant for Math for Data Science Course

Sep. 2023 — Jan. 2024

Yandex School for Data Analysis

- Evaluated homework assignments for 50 students in Linear Algebra, Real Analysis, and Probability Theory;
- Assessed and analyzed student performance, offering valuable feedback;