

Nikita Artamonov

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EDUCATION

Higher School of Economics University

Bachelor's degree in Computer Science and Data Analysis

Moscow, Russia

September 2022 – Expected June 2026

RELEVANT COURSEWORK

- Algorithms and Data Structures
- Computer Architecture and Operating Systems
- Statistics and Probability
- Linear Algebra
- Calculus
- Numerical Analysis
- Minor in Bioinformatics

PROJECTS

🔗 **Neural Networks from Scratch** | *C++, Eigen, CMake, Git, GoogleTest*

- Implemented Neural Network Library from Scratch in C++
- Implemented Optimization Methods, Learning Rate Schedulers, Activation Functions, Loss Functions
- Enabled saving a model to a file and loading from one

STL-like Classes | *C++*

- Implemented Custom STL-like Classes such as **vector**, **string**, **string_view**, **unique_ptr**, **any**, **array**
- Implemented Custom Python-like Classes such as **range**, **enumerate**, **reversed**

TECHNICAL SKILLS

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

Tools: Git, Bash, Docker, L^AT_EX, PySpark

Frameworks: Numpy, Pandas, Matplotlib, Seaborn, Plotly, SciPy, Biopython

LANGUAGE PROFICIENCIES

English: Upper-Intermediate

Estonian: Upper-Intermediate

German: Beginner

Russian: Native