

Timothy Shumilov

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EDUCATION

Higher School of Economics

BA in Applied Mathematics and Informatics

GPA: 7.15

Average: 7.19

Moscow, Russia

Expected Graduation: June 2026

PROJECTS

AI-module for note-taking app

October 2024 - present time

I

am working on an AI module for a note-taking app. This module includes an AI assistant with RAG, a semantic search engine, a prompt recommendation system, and a notes tag recommendation system.

Statistical tests implementation

I

have implemented and applied statistical tests, including the Z-test, t-test, Mann-Whitney test, and Chi-square test, to real data.

Gradient boosting implementation

I

have implemented a gradient boosting algorithm with quantization, bootstrap, and pruning methods.

SKILLS

Programming Python, SQL

Technologies docker, git, bash

ML tools sklearn, pytorch, optuna, numpy, pandas, matplotlib, LangChain

Languages English (B2), Russian (native)