Vlasov Artyom

June 2025
Nizhniy Novgorod,
Russia

✉ Vlasart5@yandex.ru
⚬ github.com/Artemiadze ↗
in linkedin.com/in/artyom-vlasov ↗

WORK EXPERIENCE

Sep 2024 – Dec 2024   **Lecturer @ Volga State University of Water Transport** ↗
Programming language C, algorithms, data structures, discrete mathematics, mathematical logic, pedagogy

- Taught them the basics of C programming, explained the basic algorithms from computer science and the basics of discrete mathematics.

Dec 2024 – May 2025   **Backend developer @ T-Bank** ↗,
Golang, gRPC, PostgreSQL, JWT, Zap logger, Gorm

- Developed a service for organizing joint dinners ↗ — the service with a registration system that allows T-Bank employees to organize joint trips to cafes.
- Developed the backend of the service based on the principles of a clean architecture: creating database models, implementing service layers, business logic, transport, and an error handler.
- Wrote test cases for test coverage of the service layer.

RESEARCH EXPERIENCE

2024 – 2025   **Coursework**, **Classification of ECG arrhythmias based on deep learning**
Python, PyTorch, Tensorflow, NumPy, Pandas, interpreted machine learning (IML), convolutional neural networks (CNN), date preprocessing

- Conducted a comparative analysis of the effectiveness and interpretability of three deep learning models for classifying arrhythmias based on electrocardiogram data
- I was preprocessing a dataset (The China Physiological Signal Challenge 2018) taken from the Internet for a computational experiment
- Set up and optimized neural network models for comparative analysis.

PERSONAL PROJECTS

gRPC Service ↗ (Golang, PostgreSQL) - gRPC service with a protobuf contract-based registration system and a database for storing data about registered users.

DataBase APP ↗ (Java, PostgreSQL, JDBC, Swing) - Java application that uses JDBC to interact with a PostgreSQL database. It allows you to perform basic CRUD operations (create, read, update, delete) with data related to the LMS (Learning Management System).

EDUCATION

2023 – now   **Bachelor of Computer Science**, GPA 8.9/10.0
Higher School of Economics

2025   **Mashing Learning Specialization** ↗,
Stanford University, Coursera ↗