

# Vlasov Artyom

June 2025  
Nizhniy Novgorod,  
Russia

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## WORK EXPERIENCE

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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.
- Writing test cases for test coverage of the service layer.

Sep 2025 – now      **Intern python developer @ Media-Mine** [↗](#)  
Python, SQLite, Asyncio, Polars, PyTest, NATS, Fast API

- Developed the company's projects and implementation of their functionality
- Writing test cases for test coverage of the company's projects.

## RESEARCH EXPERIENCE

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


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**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

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- 2023 – now    **Bachelor of Computer Science**, GPA 8.9/10.0  
Higher School of Economics
- 2025    **Mashing Learning Specialization** ,  
Stanford University, Coursera 