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Profiles

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 <https://nevolodia.com/>

Skills

Programming Languages

Python, C++, Java, Go, Haskell, Scala, SQL, x86 Assembly

Data

Deep Learning, Hierarchical Models, Big Data, Data Mining

Tools

Git, Docker, Numpy, Spark

Web Development

React, Type Script

Skills

Software Design,
Interdisciplinary team management

Education

Delft University of Technology

Sept 2024 – Jun 2027

BSc Computer Science and Engineering

- **GPA:** 8.8/10 (current).
- **Honours Research:** Research with supervision of Dr. Yorke-Smith in Hierarchical Deep-Supervision Neural Solvers for Combinatorial Optimization.
- **Relevant Courses:** Algorithms and Data structures, Functional Programming, Linear Algebra, Calculus, Probability Theory, Big Data Processing, Machine Learning.

Experience

Bunq

Jun 2025 – Present

Data Engineer

Amsterdam, Netherlands

Working on a research and development project focused on automated evaluation of system security, functional performance, and usability at the Netherlands' leading fintech bank.

LNK Boxing

Jan 2025 – Jun 2025

Lead Developer

Riga, Latvia

Developed an operations management system and web-shop for Latvia's largest boxing club network. Reduced admin workload by 20% while automating billing, access control, and analytics.

Binatec Baltija

Sept 2023 – Dec 2024

Lead Developer

Riga, Latvia

Managed diverse team and served as the lead developer in creating an online shop, which raised sales by 30%. Website at <https://binatec.eu/>

Extracurricular activities

Lead Organizer of Latvian AI Olympiad

Sept 2025 – Present

 <https://omi.lv/>

Lead organizer of the First Open AI Olympiad in Latvia. Coordinating task development, event logistics, partner coordination, and national team preparation for the IOAI.

Founder of Lemon AI

Oct 2025 - Present

Newly founded, Lemon AI aims to advance AI education in Latvia and beyond, host Latvian AI Olympiad, develop educational resources in AI. Manage educational initiatives at Lemon AI.

Interests

Philosophy

Analytical philosophy, Epistemology

Growing Chilli Peppers

Competitive Debate

Macroeconomics

Film Directing

Languages

English

IELTS 8.0



Latvian



Russian



Projects

Brainf. Compiler in x86 Assembly

🔗 https://nevолодия.com/?p=unlisted_brainfuck

JIT compiler for the Brainf. language, written entirely in x86 Assembly. Features an advanced optimization engine, and in-memory execution.

Bunq Sandman

🔗 https://github.com/nevolodia/bunq_sandman

Defining, executing, and visualizing financial pipelines, within bunq's banking network. Supports importing real-world transactions. Has user-friendly UI, and LLM integration for generation and analysis.

Awards

2nd Place in Bunq Fintech Hackaton

May 2025

Together with my team, developed an advanced solution enabling bunq's developers and API users to define or import financial operations, which then can be visualized, analyzed, and tested.

4th Place in European Terminal by Citadel Securities

April 2025

My team competed in an algorithmic agent competition by Citadel, facing teams from leading European universities. Developed simulation and decision-making that dynamically adapt to opponent strategies.

1st Place in Port Transition Challenge

Nov 2024

Developed an ML solution for port disruption predictions in a multidisciplinary team in competition by Port of Rotterdam and EUR University. Created real contribution for Port of Rotterdam.

Top 6% in Kaggle Code Golf Competition by Google

Oct 2025

2nd Place in Math Competition by Da Vinci

Jun 2025

1st Absolute Place in Latvian Open Olympiad in Economics

Feb 2024

3rd Place in Latvian Linguistic Olimpiad

Apr 2024

Finalist in Latvian Olympiad in Economics

Feb 2023

Memberships

IEEE Computational Intelligence Society

Jan 2025 – Present

Robotics Student Association

Sept 2025 – Present

Grateful to be an active member of a diverse association, to collaborate in developing RSA projects, and help with organizational activity.