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Profiles

 [nevolodia](#)
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Skills

Data
ML, Data Mining, SQL

Functional Programming
Haskell, Agda

Web Development
React, Type Script

Project Managment

Java

Golang

Python

C, C++

x86 Assembly

Education


Delft University of Technology **Sept 2024 — Present**
BSc Computer Science and Engineering

- GPA:** 9.1/10 (current).
- Relevant Courses:** Algorithms and Data structures, Functional Programming, Linear Algebra, Calculus, Probability Theory, Big Data Processing, Machine Learning, Collaborative Software Engineering Project.
- Anticipated graduation date:** June 2027.


Riga State Gymnasium No.1 **Sept 2021 — Jun 2024**
Mathematics High School

- Advanced mathematics and programming program at Latvia's best school with additional courses in Economics and Political Science.
- Won multiple national Olympiads and defended a science project focusing on computer analysis of the weather forecasts' accuracy.


Experience

Bunq **Jun 2025 — Present**
Data Engineer Amsterdam, Netherlands
 <https://www.bunq.com/>

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 — Present**
Lead Web Developer Riga, Latvia
 <https://lnkboxing.lv/>

Developing a web-shop and a custom subscription management system for Latvia's biggest boxing clubs.

Binatec Baltija **Sept 2023 — Dec 2024**
Lead Web Developer Riga, Latvia
 <https://binatec.eu/>

Managed diverse team and served as the lead developer in creating an online shop, which increased sales by 30%.

Extracurricular activities

Board Member in Robotic Student Assotiation **Jun 2025 — Present**
Project Manager Delft, Netherlands

As a Board Member and Project Manager, I play an active role in expanding and diversifying our association by strengthening both its social and technical aspects. I also lead the organization of events and hackathons in close collaboration with various leading tech companies.

Languages

English

IELTS 8.0



Latvian



Russian



Interests

ML

RL, Deep Learning

Philosophy

Analytical philosophy

Competitive Debate

Macroeconomics


Startups

Film directing

Growing Chilli Peppers


Projects

Brainf. Compiler in x86 Assembly

 https://nevolodia.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. Integrates LLMs for generation and analysis.

Spherical Robot Project

Directing the project, engineering the robot, implementing machine learning algorithms for spatial orientation and navigation.

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 **Aprl 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**

Competed in an Erasmus University Rotterdam and Port of Rotterdam event. Developed an ML solution for port disruption predictions in a multidisciplinary team.

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 and to collaborate in developing a spherical robot project. Recently, I have joined the board of the association.