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Profiles

 [nevolodia](#)
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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://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. 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 **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**

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.