




# Vladimirs Kirils Bickovs

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 <https://nevolodia.com/>

## 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.
- **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

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

Developing a web-shop and a custom subscription management system for Latvia's biggest boxing clubs. Website at <http://lnkboxing.lv/>

### Binatec Baltija

Sept 2023 — Dec 2024

Lead Web 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

2025 — 2026

Working as team leader in organizing the First Open AI Olympiad in Latvia and sending the national team to the International Olympiad in Artificial Intelligence (IOAI). Engaged in technical aspects, as well as managing agreements and partnerships.

### Board Member in Robotic Student Assotiation

Jun 2025 — Present

Project Manager

Delft, Netherlands

I play an active role in expanding and diversifying our association by strengthening both its social and technical aspects. I lead management of RSA projects and help in 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](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](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.