

Ivan Poliakov

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Education

Maastricht University

Bachelor of Science in Data Science and Artificial Intelligence

Maastricht, Netherlands

Sept 2019 - Dec 2022

- **Bachelor's thesis:** Trained a **StyleGAN** model on budget. [repository](#)
- **Relevant Coursework:** Data Analysis, Graph Theory, Linear Programming, Algorithms and Data Structures, Object-Oriented Programming

Public School 2007

Middle and High School with an accent on physics and mathematics

Moscow, Russia

Graduated May 2019

- Graduated with Distinction

Skills

Languages Python, C++, HTML/CSS, JavaScript, Java

Tools Stack React.js, Flask, MondoDB, Git, Ubuntu Linux, PyTorch, NumPy, Matplotlib, MATLAB

Soft Skills Teamwork, Mathematical thinking, Bias for action

Languages English (professional), Russian (native)

Work Experience

Natural Language Processing engineer

Garant

Remote, Russia

Aug 2021 - Dec 2021

- Built a minimalistic library for working with common text processing techniques.
- Designed a search model for a section of common support chat questions.

Extracurricular

Chesslines - chess-themed web app [website](#), [repository](#)

Personal web project

Maastricht, Netherlands

Nov 2022 - now

- Developed a **web-app** for **chess** players to store their opening repertoire.
- Implemented front-end with **JavaScript** and **React.js** and back-end with **python** and **flask**.
- I used **MongoDB** database and **Render.com** for hosting.

Tetris game with AI [repository](#)

Team project

Maastricht, Netherlands

Sep. 2021 - Jan. 2019

- Led development of an **tetris game with a bot** powered by **genetic algorithm**.

Juice pong robot [repository](#)

Team project

Maastricht, Netherlands

Sep. 2021 - Jan. 2021

- With a team of other students built a **robot that plays "juice pong"**. We used robotics from the university lab and a lot of computer vision. The setup is still used in the university lab.

Competitive programming

Personal competitions and coaching

Moscow, Russia

Aug. 2017 - now

- In high school I qualified for Russian Olympiad in Informatics national finals in 2019.
- In University I competed on codeforces.com: ranked among 3% of website's total users. Some of my competitions results include: 21st out of 5200 participants, 35th out of 4900, 38th out of 3300, etc.
- Lately I have been **coaching, both groups and individual students**.