

Alexey Kudrinsky

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EDUCATION

Moscow Institute of Physics and Technology (MIPT)

Bachelor of CS, GPA 9.6/10.0, best course result in a faculty.

Moscow, Russia

2019 - 2023

EXPERIENCE

ML engineer intern

Joom

August 2021 – Present

Moscow, Russia

- Joom is an e-commerce marketplace founded in 2016 that now has an audience of 10 million MAU in Russia.
- Creating a similar image match system with Python, Tensorflow and Golang.

SWE intern

Yandex

February 2021 – August 2021

Moscow, Russia

- Developed a natural language understanding backend for Alice — the most popular voice assistant in Russia with more than 45 million users in 2020.
- Used Python, Tensorflow, C++ for improving recall of classifying the intent of user's message and reduced response time for several intents by up to 0.1 second.

SIDE PROJECTS

Development of educational programs at MIPT

May 2020 – June 2021

- Held cold meetings and sell MIPT educational products.
- Built new educational initiatives into the curriculum.

Concurrency course | C++

February 2021 – May 2021

- Implemented many common data structures used in concurrency from the assembly level.
- Including atomic, mutex, coroutine, thread pool, fibers, Golang-like scheduler with channels, but not limited to them.

Dictator language | C++

January 2019 – May 2020

- Created C-like language, which is Turing-complete and can be compiled to Mach-O executable files for MacOS.
- Deeply dived into compiler design and computer architecture.

Graphical library | C++

September 2020 – December 2020

- Created a wrapper for several low-level graphical libraries (including SFML and OpenGL), with window and event systems.

AWARDS

Phystech Genesis Hack

October 2020

- Received gold medal and money prize for implementing auto-assembled landing page for BCS investment bank — forth major Russian investment bank.
- Worked in a team of four people and was responsible for content generation.

European Physics Olympiad

May 2018

- Won a bronze medal in one of the major international competitions in Physics at high school.
- Was a candidate for the Russian national team for the International Physics olympiad.

All-Russian Olympiads

2017 – 2019

- It is a major Russian competition for students in High School with more than 7 million participants every year.
- Won two All-Russian Olympiads in physics and one All-Russian Olympiad in economics.

TECHNICAL SKILLS

Languages: Python, C/C++, PostgreSQL, Golang

Frameworks: Tensorflow

Developer Tools: Git, Docker

Libraries: pandas, NumPy, seaborn