

KIRILL KOZLOV

Student

@ kykozlov@gmail.com 89167271932 Moscow, Russia <https://github.com/KozlovKY>



EDUCATION

Physics

HSE National Research Univercity

2020-nowadays Moscow, Russia

Physics

Prokhorov General Physics Institute of the Russian Academy of Sciences, Quantum technologies

2022-nowadays Moscow, Russia

WORK EXPERIENCE

Academic assistant (HSE)

Data Analysis (Physics)

2023-nowadays Moscow, Russia

- Algorithmic section, work with Space data
- Working with students: tests check, consultations

Academic assistant (HSE)

Deep Learning (Master of FCS)

2023-nowadays Moscow, Russia

- Tasks: CNN, RNN, MLP, Word2Vec
- Working with adults: HW check, consultations

Laboratory assistant

MSU Quantum Technology Centre, Laboratory of quantum atomic simulators

2023-nowadays Moscow, Russia

- Working on Heuristic algorithm for Optical solver : Monte-Carlo, Reinforcement Learning
- Reading and analys articles

ML Developer

Moscow Center for Healthcare Innovations

2023 june - 2023 septmber Moscow, Russia

- OCR task: Text recognition from medical record photos

PROJECTS

- IDAO 2022 Intern Task : Identify defects in the crystal structure
- QNODE : Learning quantum dynamics by NN (Neural ODE)
- Yolo v1 implementation (academic task)
- Optical algorithm for soving combinatorial optimization problems
- Increasing the resolution aerodynamic fields (Hacathon I am professional 2023)

LOOKING FOR

To be in a progressive and dynamic research organization.

I wish i could work with **Big Data** and use my skills in scientific tasks and in software development.

Most interesting spheres:

- Generative Models in physical tasks (Latent Dynamics of systems)
- Publications in scientific journals
- RL in physics

TECHNICAL STRENGTH

Python

Numpy

Pandas

Sklearn

PyTorch

Scipy

Latex

Git

MOST PROUD OF

Knowledge Evolution
Rapid learning

Scientific Mindset
Decomposition of the problem into components

STRENGTHS

Hard-working

Decision Making

Ability to Work Under Pressure

Motivator & Leader

Time Management

Flexibility and Adaptability

LANGUAGES

English

Russian

French

CERTIFICATES

- Winner of Hacathon "Цифровой прорыв 2023 ": Adress Matching
- Second place hacathon Yandex I am Professional 2023 Ai section
- Participed in Summer Math Camp by Yandex-2017 ,introduction to ML
- Poster session FCS of HSE (2023)
- Participed in IDAO 2022 data analysis olympiad