

Daniil Likhobaba

denaxen.ru | [LinkedIn](#) | [GitHub](#)

Moscow, Russia

Email: daniil@likhobaba.ru | Mobile: +79185657772

RESEARCH ENGINEER

As an AI and crowdsourcing research engineer, I combine my creativity and technical expertise to succeed in diverse research projects. With a solid background in mathematics and technology, I can swiftly master the most suitable tool for the job.

TECHNICAL SKILLS

Python : Pytoch, Airflow, Numpy, Scipy, Pandas
C++ : STL
Math : Probability Theory, Algorithms, Statistics, Machine Learning
Other : SQL, Git, Research, Algorithms

EXPERIENCE

Research Engineer Oct 2022 – Present
Toloka

- I was in charge of technical part at CodaLab of [Toloka Visual Question Answering Challenge](#) at WSDM'23
- Conducting **technical interviews** on algorithms and mathematics
- Technical maintenance and enhancement of Toloka [course for Crowd Solution Architects](#)
- Prepared and published [graph dataset](#) of interactions between crowd annotators
- Implemented Toloka aggregation operations **back-end** using **Airflow**

Junior Analyst-Researcher Oct 2021 – Oct 2022
Toloka

- I conducted experiments to [automate control task labeling](#) in Toloka
- Provided technical assistance for **researching bilateral markets in crowdsourcing** with HSE, Russia
- Made and presented [paper](#) on image clustering with crowdsourcing at **HCOMP'22**
- Took part in collecting [dataset](#) and ML-baseline preparation for [Visual Question Answering challenge](#) at **WSDM'23**
- I was **one of mentors** at [HCOMP'21](#) Graduate Consortium

Intern Analyst Jun 2021 – Oct 2022
Yandex

- Developed system for **image clustering with crowdsourcing**
- Implemented and maintained processes for product quality metrics
- Assisted with research on user behavior in crowdsourcing in collaboration with **the University of Oulu, Finland**

EDUCATION

Moscow Institute of Physics and Technology Moscow, Russia
Bachelor in Applied Math and Physics, GPA: 4.7 Sep 2019 – Jul 2023

PROJECTS

Medical Ultrasound modeling Python, C++, Algorithms [Source Code](#)
Modeling the propagation of ultrasonic waves with an aberrator to simulate the cranium during ultrasound procedures

- Implemented a ray-tracing algorithm using principles of physics, computational algorithms, and C++
- Collection and processing of data from 32 sensors using C++
- Construct and display ultrasound results using Python

My website-resume HTML, CSS [Source Code](#)
Site with my bio and CV

Platformer game C++: STL, SFML [Source Code](#)
Pet project on C++