Daniil Likhobaba

Moscow, Russia
denaxen.ru | LinkedIn | GitHub
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

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++