Daniil Likhobaba

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Education

Moscow Institute of Physics and Technology Moscow, Russia
Bachelor's in Applied Math and Physics, GPA: 4.65/5.0 *Sep 2019 – Jul 2023*
Abramov foundation scholarship 4 times in a row (top 5 % out of 200 students)

Skills

Python : Pytoch, Airflow, Numpy, Scipy, Pandas

C++ : STL

Math : Probability Theory, Algorithms, Statistics, Machine Learning

Other : SQL, Git

Languages : English C1 (IELTS 7.5)

Experience

Researcher Oct 2022 – Present
Toloka

- I was one of Toloka Visual Question Answering Challenge organisers at **WSDM'23 Cup** (paper)
- Conducted 10+ **technical interviews** on algorithms and mathematics
- Maintenaned 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 Researcher Oct 2021 – Oct 2022
Toloka

- I have conducted experiments to find an optimal automative control task labeling approach 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** and **ECIR'23**
- Took part in collecting dataset and ML-baseline preparation for Visual Question Answering challenge at **WSDM'23**
- I was one of **Toloka representatives** at **HCOMP'21** Graduate Consortium

Research Intern Jun 2021 – Oct 2021
Toloka

- 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**

Projects

Medical Ultrasound modeling *Python, C++* Source Code
Modeling the propagation of ultrasonic waves with an obstacle

My website-resume *HTML, CSS* Source Code
Site with my bio and CV

Platformer game *C++: STL, SFML* Source Code
Pet project on C++