Polina Ivanilova

Highly motivated and passionate Machine Learning engineer.

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[GitHub]

EDUCATION

B.Sc. in Applied Mathematics and Computer Science
Moscow Institute of Physics and Technology

SEP 2018 - JULY 2022

MIPT was ranked 201–250 of 1,799 research universities surveyed in the 2023 global rankings of the Times Higher Education Supplement. This is the same ranking received by the University of Waterloo.

EXPERIENCE

University research assistant – MIPT Laboratory,

Moscow, Russia

JAN 2020 - AUG 2020
- Conducted patent clearance searches
- Edited and drew up documents related to patent research
- Observed research proceedings
- Established and maintained research protocols and rules
- Assisted senior researchers in conducting research
- Assisted with clerical and lab work.

School Math Teacher – Secondary school No. 10

Zhukovsky, Moscow Region, Russia

NOV 2020 - FEB 2021
- Provided group tutoring (up to 25 students)
- Monitored student performance and provided feedback for improvements.
- Maintained students' progress and attendance reports.
- Enforced student behavior and disciplinary standards.
- Developed and conducted examinations and graded test papers.

Math Tutor– Self Employed

SEP 2018 - MAY 2022
- Provided tutoring in small groups and individual sessions.
- Monitored student performance and provided feedback for improvements.
- Maintained records of each tutoring session, payments, tax reports, etc.
- Maintained communication with parents regarding students' progress.

VOLUNTEER EXPERIENCE

Hawthorn School for Girls

North York, Ontario

NOV 2022 - PRESENT

Help students with math problems.

"Restavros" ("РеставросЪ")

JULY 2016 - AUG 2016 and JULY 2015 - AUG 2015

Voluntary youth association helping in the restoration and economic work of Orthodox churches. (Changed windows, restored walls and frescoes, and etc.)

ACTIVITIES

Assistant manager of the cinema club at the University

OCT 2021 - JUNE 2022

Manager of the swimming club in the University

MAY 2020 - JUNE 2022

Participant in the psychological club "I Care"

SEP 2019 - MAY 2022

Training on psychological assistance by the University. After volunteering as a mental health peer counseling consultant.

SKILLS

- Regression
- Classification
- Clustering
- Tensorflow
- Keras
- SciKit Learn
- Numpy
- Pandas
- SpaCy
- NLTK

ML PROJECTS

Spam Classifier

A problem solved in two ways using the NLP method

Detecting Hate tweets

ML COURSES

Natural Language Processing specialization

JAN 2023- PRESENT

PUBLICATIONS

"Newton's aerodynamic problem" (RUS)

S. Gorelov, P. Ivanilova Moscow Institute of Physics and Technology

LANGUAGES

Russian
English