Liubov Sobolevskaya

MSc Mathematics | Full–Stack Web Developer

Detail-oriented Full-Stack Web Developer with a strong mathematical background and intensive training from a reputed web development bootcamp. Proficient in JavaScript, React, MongoDB, Apollo GraphQL, and MERN Stack with a solid foundation in Python and Git. Demonstrated understanding of test-driven development and ability to create intuitive, user-centric web applications.

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https://github.com/LiubovSobolevskaya
https://www.kaggle.com/lyubovsobolevskaya

SKILLS
Python · Numpy · Pandas, Keras · PyTorch· scikit-learn · matplotlib · Latex · Machine learning · Deep Learning · MySQL · Test-Driven Development · JavaScript · Git · React · MongoDB · Apollo GraphQL · MongoDB · MERN Stack · Redux

EXPERIENCE

Career Break

September 2016 - Present

Worked on machine learning/deep learning skills.
Participated in Kaggle contests and reproduced DL/RL algorithms on GitHub.

PROJECTS

Kaggle

Google Universal Image Embedding
48th place out of 1022 (5%)
Tensoflow implementaton

PetFinder.my - Pawpularity Contest
83rd place out of 3537 (3%)
Pytorch implementaton

Human Protein Atlas - Single Cell Classification
74th place out of 757 (10%)
Pytorch implementaton

RSNA Screening Mammography Breast Cancer Detection
93rd place out of 1687 (6%)
Tensoflow implementaton

RWTH Aachen University - Student Assistant
Aachen, Germany

February 2016 - September 2016
C++ developer for a library that implements tensor representation technique.

LANGUAGES
English, German - C1 Proficiency
Russian - Native Speaker

EUtech Scientific Engineering GmbH - Student Assistant
Aachen, Germany

September 2015 - February 2016

Implemented a program on C# and SQL to test different approaches
for data extraction.

RWTH Aachen University - Student Assistant
Aachen, Germany

October 2013 - January 2016

Java developer for a research project to try different simulations to
evaluate alternative planning strategies. I also did documentation for
this project.

EDUCATION

UC Berkeley Extension
Web development Coding Bootcamp Aachen, Germany.
March 2023 - June 2023

RWTH Aachen University

Master of Science in Mathematics, minor in CS Aachen, Germany.
 October 2012 - September 2016
Thesis: En Efficient Method for Statistical Learning by Means of
Low-Rank Tensor Format Representation
GPA 1.5 (on a scale from 1.0 'best' to 4.0 'worst') Graduated with
distinction

Immanuel Kant Baltic Federal University

Specialist in Applied Mathematics and Computer Science, Kaliningrad,
Russia.
September 2006 - June 2011
GPA 4.8/5.0 (on a scale from 5.0 'best' to 3.0 'worst') Graduated with
distinction