

SVETLANA GABDULLINA

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Research engineer with a strong mathematical background, with experience in machine learning and product development.

EDUCATION

Master of Computer Science, Skolkovo Institute of Science and Technology 2020 - 2022

Specialization: Data Science

GPA: 4.95/5.00

Thesis: Generating realistic time-lapse landscape videos with GANs

Adviser: Victor Lempitsky

Bachelor of Computer Science, Lomonosov Moscow State University 2015 - 2019

Specialization: Probability Theory and Statistics

GPA: 4.93/5.00

Thesis: Nonlinear expectations as risk measures

Adviser: Mikhail Tselishchev

SKILLS

Technical Skills	Python, C++, Machine learning, Deep learning, Statistics
Soft Skills	Communication, Leadership, Critical thinking, Problem-solving
Additional knowledge	Teaching, Product design and development, Crowdsourcing
Languages	English (C1), French (B1), Italian (A1), Russian (native)

EXPERIENCE

Deep Learning Research Engineer Jun 2021 - Present
Samsung Research Russia, Samsung AI Center *Moscow*

- implemented a benchmark for evaluating image2video solutions.
- adapted StyleGAN3 image generator for video generation task.
- increased time and memory efficiency by 10% and key metrics by 5% of the AMSA super-resolution model by replacing the feature extractor.

Project manager in the development of educational courses Feb 2020 - Jun 2021
1C Publishing *Moscow*

- found executors and organized the process of renewing a 3-years algebra course.
- led the development of a new geometry course: communicated with customers and formulated tasks for creators and designers.

Course developer / Trainer for newcomers / Teacher Sep 2017 - Feb 2020
Moscow Programming School *Moscow*

- taught Discrete mathematics, C++, and Operating systems to 500+ students.
- developed courses in Discrete mathematics and C++ and led the development of courses in Operating systems and UX/UI design, which were taught to 6000+ students in class and online.
- trained 14 new teachers for the school during 3-day teaching workshops.

PROJECTS

Fraud detection model

The 2nd prize of PROFI.RU hackathon, 2021

Built a model, which predicted if two users were the same person given their typing patterns, using data engineering, feature selection, and an XGBoost model.