Valeria Zaborovskaia

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EDUCATION

2020 – present time
Moscow Institute of Physics and Technology
Phystech School of Applied Mathematics and Computer Science

COURSES

Yandex - Coursera
- Mathematics and Python for data analysis
- Labeled data learning
- C++ Development Fundamentals: White and Yellow Belts

DeepLearning.AI - Coursera
- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
- Structuring Machine Learning Projects
- Convolutional Neural Networks Sequence models

DeepLearning school - Stepik
- Advanced flow

LANGUAGES

English – C1
Russian – native

SKILLS

Programming languages
- Python, C++

Machine Learning
- pytorch, tensorflow, numpy, sklearn, scipy, opencv, pandas

Backend
- pyTelegramBotAPI, FastAPI, Rasa

Databases
- Microsoft SQL server, PostgreSQL

Other
- Git, Latex, Java and Golang (basics)

WORK EXPERIENCE

Internship IPavlov
Development of a microservice for face recognition and integration into a telegram bot (FastApi, Rasa, face_recognition model)

PROJECTS

Fine-tuning Stable Diffusion
Fine-tuning Stable Diffusion on pokemon-blib, methods for optimizing learning in conditions of limited computing power (GPU: NVidia Tesla K80)
https://github.com/valerizabby/stable-diffusion

Digits recognition
CNN digit recognition model wrapped in a telegram bot (tensorflow, pyTelegramBotAPI)
https://github.com/valerizabby/digits_recognizer

DCGAN-pokegen
Pokemon generation using a model from the DCGAN architecture class
https://github.com/valerizabby/DCGAN-pokegen

LINKS

- https://github.com/valerizabby
- https://linkedin.com/in/valeriya-zaborovskaya