Anna Altynova

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Education

ST.PETERSBURG STATE UNIVESITY 2018-2022
BACHELOR OF MATHEMATICS AND COMPUTER SCIENCE
Mathematics and Mechanics faculty

MADE ACADEMY(VK GROUP) 2021-2022
2ND SEMESTER ML ENGINEER STUDENT
- Currently attending: Deep learning, NLP, Computer vision, Advanced ML, ML on Graphs

PRACTICAL PYTHON COURSE FROM BIGDATA TEAM
- certificate

Experience

CEBA LABORATORY(SPBU) | JUNIOR RESEARCHER
Sep 2020 – Current | Spb, Russia

- ➔ Image captioning on WikiArt dataset of paintings
- ➔ Models: Neural Image Caption, Attention model, Transformer
- ➔ INFORMS presentation 2021

Projects

NUMPY CNN IMPLEMENTATION | PYTHON
MADE, 2021
- ➔ Implementation of majot CNN layers with several activations and optimizers in pure Numpy.
- ➔ github

COVID BAYESIAN ANALYSIS WITH LINEAR REGRESSION | PYTHON
MADE, 2022
- ➔ Total covid cases prognosis in Russia
- ➔ github

IMAGE COMPRESSION AND ENLARGEMENT ALGORITHMS | C++
SPbU, 2020
- ➔ Image compression and enlargement with splines of second and third order.
- ➔ Paper in International Journal of Circuits, Systems and Signal Processing.
- ➔ github

SQL BANK PROJECT | POSTGRE SQL
SPbU, 2021
- ➔ Bank DB implementation with simple API
- ➔ github

Skills

PROGRAMMING

Proficient:
Python 3 •

Experienced:
PostgreSQL • C++ •

Familiar:
R • C •

LIBRARIES/FRAMEWORKS

Pytorch • TensorFlow • Scikit-Learn •Pandas • Numpy • NetworkX •

LANGUAGES

English B2 •

Coursework

Machine learning algorithms • Computer vision • NLP • Python Programming • PostgreSQL • Algorithms and data structures • Fundamentals • Probability theory • Statistics •