Elizaveta Ovsianik

Data Science | ML Engineer | ML Researcher

⊙ Moscow, Russia

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○ eovsianik   ✈ eovsianik

SKILLS

Python

torch, NumPy, Pandas, Visualization, scikit-learn

Data Science

Data Preparation, HDFS, Spark

Machine Learning

CV, NLP, DETR, VIT, BERT

Mathematics

Computational Mathematics, Mathematical Analysis, Probability Theory, Linear Algebra

Statistics

CERTIFICATIONS

Deep Python at VK Education Center
VK
2023/12

LANGUAGES

English
B2 - Upper Intermediate

Russian
Native Speaker

SUMMARY

I'm a recent graduate with a Master's degree in Machine Learning. I'm particularly interested in machine learning, especially as it interacts with computer vision and natural language processing to better understand contextual images and text.

I'm adept at Python and its data science libraries, such as Numpy, Pandas, scikit-learn, PyTorch etc. I can use these tools to perform data manipulation, visualization, machine learning, deep learning, natural language processing and more.

EXPERIENCE

Scientific and production association Orion   2021/04 - 2022/11
Engineer
🔗 orion-ir.ru

- Performing calculations of optical and optoelectronic systems. Development of design documentation and regulatory documents.

PROJECTS

Consistent colorization of manga characters   2024/02 - 2024/06
🔗 github.com/eovsianik/colouranga

Create the pipeline for consistent colorization of manga characters, which allows you to automate the process of character colorization while preserving their base colors. Using DETR for characters detection and recognition and ViT for creating a vector representation of character. The diffusion model is used for coloring.

CV, diffusers, ViTMAE, Conditional DETR, PyTorch

Deep Python Course Project Assortment   2023/09 - 2023/12
🔗 github.com/eovsianik/deep_python_ovsianik

OOP, Async Programming, Profiling, Logging, Python's C extensions

EDUCATION

Moscow Institute of Physics and Technology   2022/09 - 2024/06
Machine Learning   Master's degree
🔗 girafe.ai

Bauman Moscow State Technical University   2016/09 - 2022/07
Optics and Laser Technology   Specialist Degree
🔗 rlm.bmstu.ru