Shpileva Anastasiia

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GitHub: banka-lecho
Telegram: banka-lecho

SKILLS

Programming Languages	Python, Java, Bash.
Testing tools	Flask, JUnit.
Communication	English - B2, Italian - A2

EDUCATION

Applied mathematics and computer science, *ITMO University* — **September 2021 - June 2025**

WORK EXPERIENCE

Laboratory assistant / Python **November 2023 — Until now**
ITMO University

- Building a dataset using **NLP** and **CV** algorithms.
- Development of a method for automatic evaluation of the originality of a vector image
- Development of a method for vectorizing a bitmap image with a variable number of curves.
- **Tools**: PyTorch, MLflow, Docker.

ML Engineer / Python **March 2024 — August 2024**
Statanly

- Object detecting (tools: YOLOv8, PyTorch).
- Writing the interface (tools: FastAPI, Streamlit, Docker, PostgreSQL)

TECHNICAL EXPERIENCE

JAVA-ADVANCED COURSE / Java / GIT **February 2023 — June 2023**
- **Tools:** Java, JUnit.

DATA ANALYSIS / Python / GIT **September 2023 — January 2024**
- **Tools:** PyTorch, Sklearn, NumPy, OpenCV.
- Working with time series, images and tabular data.

MACHINE LEARNING / Python / GIT **February 2024 — June 2024**
- **Tools:** PyTorch, Sklearn, Hugging Face.
- Implementation of classical and neural network algorithms

RECOMMENDATION SERVICE / Python / GIT **February 2024 — May 2024**
- **Tools:** PyTorch, Flask, Docker, Redis, ngnix.
- Writing my own recommendation system with DSSM and GCF models based on the data I have collected.
- A/B testing

OTHER COURCES / Haskell, Java **September 2023 — January 2024**
ITMO-University

- **Optimization methods:** GIT
- **Haskell:** GIT
- **Parallel programming:** GIT
- **The theory of parsers:** GIT