

BURAKOV ROMAN

Machine Learning Engineer, NaUKMA (2019-2023)

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📍 Kyiv, Ukraine

🌐 Anvilondre

EXPERIENCE

Machine Learning Engineer

Camai, Miniso (contract)

📅 January 2021 – Present 📍 Kyiv, Ukraine

- Developed visualization and evaluation tools that lead to better understanding of model's error
- Engineered and implemented several features which lead to 15% increase in model's performance

Contributed to ML Lab

Fido.ai, NaUKMA

📅 November 2020 – Present 📍 Kyiv, Ukraine

- Implemented LSTM model for ethnicity classification
- Translated SQuAD dataset for Ukrainian BERT training
- Made Linear Regression tutorial for newbees

Math & Computer Science tutor

Self-employed

📅 July 2020 – August 2020 📍 Mariupol, Ukraine

Worked as a private teacher on summer holidays

- 100% positive feedback rate

SKILLS

- **Programming languages:** Python (confident), Java, C++ and Haskell (beginner)
- **Frameworks:** PyTorch (prefferred), Keras, Dask
- **Libraries:** scientific Python kit (numpy, pandas, matplotlib, etc.)
- **Tools:** Git, Linux, Jupyter&Colab, Streamlit, MLFlow
- **Languages:** English (Advanced), Russian and Ukrainian (native)

COURSES

Deeplearning.ai

Coursera

📅 September 2020 – October 2020

- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
- Structuring Machine Learning Projects
- Natural Language Processing with Classification and Vector Spaces

Atlassian

Coursera

📅 June 2020

- Version Control with Git

EDUCATION

National University of "Kyiv-Mohyla Academy"

Computer Science, BSc

📅 September 2019– July 2023

- Cumulative GPA 4.5/5
- GPA of 4.75/5 in math related disciplines

PROJECTS

OpenCV demos

📅 August 2020

Several OpenCV based pet-projects, including telegram bot that detects faces on picture and replaces them with a pre-made face mask

Pac-Man inspired game

444 studios

📅 June 2020

Was responsible for complete Ghost-AI part of the game, data structures and some of the game logic

Siamese neural network

📅 January 2019

Word2Vec inspired project. The idea is to adapt NLP methods to music processing and to find piano chords that sound best suited together. Released a scientific paper on the topic

EXTRA-CURRICULAR

Ukrainian Junior Science Academy

📅 March 2019

1st place in region

Published scientific paper

📅 October 2018

“Machine learning of distributive semantics of musical chords in classical piano pieces”

Participated in several conferences on computer science

📅 November 2018 – January 2019