

Danila Biktimirov

+357 9444-0881 | psiwyrm@tuta.io | [GitHub](#) | [LinkedIn](#)

EDUCATION

Neapolis University Pafos

BSc in Applied Computer Science

Paphos, Cyprus

Oct. 2022 – May 2024

Higher School of Economics

BSc in Applied Mathematics and Informatics

Moscow, Russia

Aug. 2020 – May 2024

Higher School of Economics

BSc in Mathematics, incomplete

Moscow, Russia

Aug. 2019 – May 2020

Saint Petersburg Lyceum 239

Saint Petersburg, Russia

Aug. 2016 – May 2019

PROJECTS

Q&A Bot

May 2023 – Aug. 2023

- Developed Telegram bot using AIOGram, answering queries from chat history, represented as vector space
- Researched Russian-speaking QA models for enhanced natural language processing
- **Technical Skills:** aioogram, LangChain, HuggingFace, Git, FAISS

Prediction of phlebological diseases using PINN and bifurcation analysis

Sept. 2022 – May 2023

- Deep learning research coursework
- Implementation of neural network based on PINN and BiNN, augmentation of MRI and CT images using GAN
- **Technical Skills:** TensorFlow, HuggingFace, HSE HPC "cHARISMa"

Chaotic Time Series Prediction

Oct. 2021 – June 2022

- Machine learning research coursework
- Chaotic time series; multi-step prediction; predictive clustering; predictable and non-predictable points; a horizon of predictability
- **Technical Skills:** pure Python3, HSE HPC "cHARISMa"

Automorphism Groups and Infinite Transitivity on Affine Plane

Oct. 2019 – June 2020

- Theoretical math research coursework
- Polynomial mapping; Actions of automorphism groups; AMC Theorem

TECHNICAL SKILLS

Programming languages: Python, C, C++, bash, SQL, Assembler

OS/Developer Tools: MacOS, Linux, Windows, Git, Docker, Clion, PyCharm, Eclipse, Jupyter Notebook

Frameworks (ML/DS): Scikit Learn, Pandas, Numpy, Seaborn, Matplotlib, Pytorch, Tensorflow, Theano

EXPERIENCE

Automatica Service – Intern | *Python*

July 2021 – Aug. 2021

- Refactoring code of ML algorithms using Python
- Implementation of asynchrony

LANGUAGES

Russian: Native

English: Intermediate B2

ACHIEVEMENTS

Winner of Math Competition of SPbU (2019), Prizewinner of several all-Russian Math Competitions

OTHER

Currently working as a private Maths tutor, Calculus, Discrete Math and ML TA, various volunteering experience

Some online courses certificates