

ARTEM PARFENOV

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EDUCATION

Computer science faculty, Higher School of Economics. [link](#)

2021 - 2025

Studying Applied Mathematics and Information Science.

Favourite courses: C++, Python, Discrete math, Algorithms.

Gymnasium №1534 Moscow [link](#)

2015 - 2021

Graduated from class with advanced IT, math and physics.

GPA: 3.4/4

SKILLS

Languages C++, Python, SQL, HTML+CSS

Tools Git, Linux, numpy/pandas/matplotlib L^AT_EX, markdown,CCNA Routing and Switching/Security CCNA

PROJECTS

Image Processor C++, Cmake

[GitHub](#)

- Implemented argument parser.
- Binary input/output implemented via templates.
- Internal image class
- Class hierarchy with virtual inheritance.

Face Recognition Python, OpenCV, HOG, Haar Cascades, Catboost, Sklearn, numpy/pandas/matplotlib [GitHub](#)

- Face recognition model, achieved 75% accuracy in the kaggle contest (8/72 leaderboard).
- Used Haar Cascades to find faces at photo.
- Got attributes via Histogram of Oriented Gradients
- After that, applying PCA to reduce the dimensions of the features and after prediction took results from Catboost classifier for images with low probability.

Linear algebra labs Python, google colab, numpy/pandas/matplotlib

[GitHub](#)

- Implemented linear regression.
- Done some task with MNIST.
- Decrease size of image using singular value decomposition.
- Proved some theorems.

EXPERIENCE

Software Engineer Intern

May 2020 - Jan 2022

SBER Eapteka

Moscow, Russia

- Made reports based on declarative queries (SQL).
- Participated in system analysis during the implementation of Datareon ESB.
- Created a diagram of data flows between management systems(ERP, WMS, web site) in the company.

EXTRA-CURRICULAR ACTIVITIES

Winner of "Profsreda" hackaton.

May 2020

- Together with the school team, a website was implemented that consolidates information about the school Olympiads, the benefits that they bring when entering certain other universities, passing scores, etc.
- My role: Engaged in writing a backend in php, user authorization, queries to the DBMS, to display information in the user profile and news feed.