

Dmitry Ramus

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EDUCATION

HSE UNIVERSITY

BS IN COMPUTER & DATA SCIENCE

Exp. June 2025 | Moscow, Russia

KAPITSA HIGH SCHOOL

ADVANCED PHYSICS AND

MATHEMATICS

Grad. May 2021 | Moscow, Russia

COURSEWORK

IT

Basics and Methodology of programming

Algorithms and Data Structures

Data Science

Data Analysis

Modern Software Engineering Practices

MATHEMATICS

Calculus

Linear Algebra

Discrete Math

Introduce to Economics

SKILLS

HARD SKILLS

LANGUAGES:

Python • C++ • Kotlin

APPLICATIONS:

LaTeX • Git • Bash • PostgreSQL •
Selenium • Docker • Kubernetes •
Linux

LIBRARIES & FRAMEWORKS:

Django • Flask • BeautifulSoup •
NumPy • Pandas • Scikit-learn •
PyTorch • Matplotlib • Seaborn •
Android SDK • Retrofit • Room

LANGUAGES

RUSSIAN – NATIVE

ENGLISH – UPPER INTERMEDIATE

EXPERIENCE

ACADEMIC PRACTICE IN THE EDUCATIONAL CENTER | HSE

June 2022 | Moscow, Russia

- Studied linear regression, decision tree and random forest models, used MSE, RMSE, Accuracy metrics
- Studied the construction of convolutional neural networks, worked with the CIFAR10 dataset, built a neural network based on it.

8TH MOBILE APPLICATION DEVELOPMENT SCHOOL | HSE

July 2021 - August 2021 | Moscow, Russia

- Developed a client Android application on Kotlin for the school, implemented the functionality messenger, social feeds network, diary and navigation through educational complexes.

TUTOR | PROFI RU

January 2022 - May 2022 | Moscow, Russia

- Informatics course
- Teaching a beginner and an advanced course for students
- Preparing for the Unified State Exam

PROJECTS

TEXT RECOGNITION | RESEARCH PROJECT

April 2020 - May 2022 | Kapitsa High School

The neural network was developed and trained for text recognition on the EMNIST dataset. A desktop and mobile application for text recognition was created using the developed neural network and a solution from Google (Tesseract)

IMAGE EDITOR | IMAGE PROCESSING PROJECT

March 2022 - March 2022 | HSE

The desktop program returns an image in the same BMP extension with one or more out of available filters applied to it.

SCHOOL APP | CREATIVE PROJECT

July 2022 - August 2022

This project is a mobile superapp for Kapitsa High School which contains social network, schedule, graphical tools, school life feed and more.

ACHIEVEMENTS AND AWARDS

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|------|---|
| 2022 | Nominated for the Ilya Segalovich Prize based on academic achievement |
| 2021 | Diploma of the winner following the results of the school of mobile development |
| 2021 | Awarded with a gold medal "For special academic achievements" |