

Dmitry Uspenskiy

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Education

NRU Higher School of Economics *September 2020 - Present*

BS in Applied Mathematics and Computer Science.

Current program is Data Analysis and Intelligent Systems.

- Third year. Full-time education. Government-funded position.
- *Math courses studied*: Discrete Mathematics, Calculus, Linear Algebra and Geometry, Algebra, Probability Theory and Mathematical Statistics, Fundamentals of Matrix Computations;
Computer-Science courses studied: Python, C++ Advanced, Algorithms and Data Structures, Modern Software Engineering Practices, Computer Architecture and Operating Systems.

Correspondence Physical and Technical School *September 2019 - May 2020*

- Advanced Math and IT classes.

Lycem №1535 *September 2018 - May 2020*

- IT class with Yandex Lyceum programming course.
- Graduated with excellent and good grades.

Personal Projects

- **Program for microstructure photographs analysis and particles dimensions evaluation**

This work was [rated](#) as one of the best in the educational program in 2022.

Frameworks used: TKinter, OpenCV, NumPy, Seaborn & Matplotlib, Pandas, PyInstaller

- **Sneaker sales bot**

Frameworks used: BeautifulSoup, Telegram API with pyTelegramBotAPI library

- **Footwear public page bot**

Currently available at [public page](#)

Frameworks used: VK API, Google Translator API with deep-translator library, BeautifulSoup, Pandas

Technical Skills

Programming Languages Python 3, C, C++, GNU Assembler, Bash, LaTeX

Software & Tools Shell, Git, SSH, GCC, GDB, CLion, PyCharm, VS Code, Jupyter

Technical Experience Computer Vision, image processing, Python GUI, data scrapping, data visualization, System calls, multithreading, messengers' API, project deployment on Amazon AWS

Research Experience Matrix and sparse matrix calculations, creating mathematical models and recommender systems, image processing and restoring, iterative methods, probability and statistics, analysis and complex analysis

Additional Information

- **Languages**:

English (fluent, passed Independent English Exam),

Russian (native).

- **Hobbies**: coding & launching own projects; streetwear; dreadlocks