

Antonov Matvey

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EDUCATION

National Research University Higher School of Economics

*Bachelor of Science in Applied
Mathematics, MIEM*

Aug. 2020 - June 2024

- Current GPA: 7.12/10

PROJECTS

Virtual training environment for the restoration of fine motor skills of fingers for people with disabilities (in progress), Jun. 2022

HSE University, MIEM

- App development for AR/VR headsets
- Data preparing for neural network training

Showing a 3D scene as a random-dot-stereogram, Sep. 2021 - Apr. 2022

HSE University, MIEM

- Algorithm of projecting a dynamic/static arbitrary pattern to a 3D scene
- App development for AR/VR headsets
- Potential psychophysical experiment testing the human performance in perceiving the stereo 3D perception

Face recognition using machine learning methods, Jan. 2021 - Apr. 2021

HSE University, MIEM

Implementation of forward-list as an STL containers, C++

HSE University, MIEM

Realization of design patterns on practice, C++

HSE University, MIEM

SKILLS

Programming languages: Python, R, C/C++/C#, SQL (PostgreSQL);

Development environment: Google Colab, Jupyter, PyCharm, Clion, XCode, Unity3D;

Libraries: Pandas, NumPy, Matplotlib, OpenCV, Pillow, Numba, Holoviews;

Languages: English - B2 (intermediate/Upper-intermediate), Russian - native;

SOFT SKILLS

- Responsibility
- Inquisitiveness
- Industriousness

OTHER

Champion in group competitions in the championship of Russia in fencing on rapiers, 2017;

School graduation with honors;