

Alexandra Senderovich

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Education

- 2018 – 2022 **National Research University Higher School of Economics**, Faculty of Computer Science, Bachelor's Programme "Applied Mathematics and Information Science"
GPA: 9.74 / 10 | Current rating: 5 / 217
Relevant courses:
- Algorithms and data structures
 - C++, Python programming
 - Computer architecture and operating systems
- 2019 **Summer internship "Fundamentals of Computer Vision and Machine Learning"**
by Associate Professor, PhD A. Konushin, grade: 10 points out of 10
- Implemented the calculation of HOG descriptors
 - Built models and trained artificial neural networks using scikit-learn and keras

Achievements

- 2020 First-degree diploma at "**Vyshshaya Liga**" Olympiad in Applied Mathematics and Informatics
- 2019 Second place with the team "Granb" in **Hack.Moscow v3.0** hackathon
- Developed a parser for websites using Python's BeautifulSoup library
 - Implemented a search for songs using last.fm API

Projects

- 2020 **Group software project** "The development of a system for generating 3D-faces"
- Worked with 3D computer graphics
 - Implemented one out of two steps of an algorithm for example-based facial rigging
- 2020 Participated in **The School of Future CTO**
- Worked on a service for videocalls
 - Implemented ORM and Rest Api in Go for database interaction

Scholarships

- 2018 – current Grant of the President of the Russian Federation for talented students
- 2018 – current Moscow Government scholarship for distinguished achievements in education

Skills

C/C++:	● ● ● ● ○	Languages: Russian (Native), English (Upper-Intermediate)
Python:	● ● ● ○ ○	
SQL:	● ● ● ○ ○	
ΛT _E X:	● ● ● ○ ○	
Java:	● ● ○ ○ ○	
Go:	● ● ○ ○ ○	

Scientific interests

Algorithms, Computer Vision, Bioinformatics, Linguistics