



# Alexandr Khakayu

Computer science student

IT student, searching for a good place to start his career.

✉ xekchansky@gmail.com

☎ +79108623821

📍 Moscow, Russia

## EDUCATION

### Applied Mathematics and Informatics

Faculty of Computer Science, Higher School of Economics

Moscow, Russia

#### Courses

- Discrete math
- Linear algebra and geometry
- Fundamentals and methodology of programming (C++/Python)
- Machine learning
- Deep learning
- Probability theory
- Algorithms and data structures
- Computer architecture and operating systems (Linux/Unix/Assembly)
- Basic data analysis methods

## PERSONAL PROJECTS

### Runner game in Unreal Engine 4 (06/2017 - 09/2017)

- Blueprint + UE4

### Public transport availability (10/2018 - 06/2019)

- Web-service which colors Moscow districts maps depending on approximate travel time to various places (selected or random)
- HTML + JavaScript + CSS + Google API

### Change detection (10/2018 - 05/2019)

- Change detection on satellites images using convolutional neural network and data from LANDSAT and SENTINEL
- Python + 2GIS

### Multi-thread cellular automata (05/2020 - Present)

- Multi-thread cellular automata, which simulates population growth
- C++

## SKILLS

C/C++

Python

Java

JavaScript

HTML/CSS

Assembly

## LANGUAGES

Russian

Native or Bilingual Proficiency

English

Professional Working Proficiency

## INTERESTS

Data analysis

Artificial intelligence

Computer vision and image analysis

Game design

Personal: Producing short movies and music clips, photography, art projects, piloting drones