

RINAT AFIATULLOV

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Education

Moscow Engineering Physics Institute

Bachelor of Science in Electronics and Nanoelectronics

Sep 2019 – May 2023

Moscow, Russia

GPA: 4.13 out of 5

- Mathematical Analysis
- Electronics
- Computer-aided design (CAD)
- Physics
- C Programming Language

Courses

Back-end development with Python

Oct 2021 – Dec 2021

Online course from VK education

[Click to view certificate.](#)

- Course project: [reatlaz/spreadsheets.app](#)
- Studied some more advanced Python language structures.
- Learned about client-server communication.
- Developed a REST API for managing users' spreadsheets using Django.
- Utilized OAuth for authentication via GitHub.

Python 3 Programming specialization

May 2019 – Aug 2019

Coursera MOOCs by University Of Michigan

[Click to view certificate.](#)

- Gained basic language skills. Used python to access SQLite databases, parse html.

Projects

VK Services App | *Swift, Xcode*

Jul 2022

- Developed an IOS app for exploring VK services.
- Implemented UITableView Swift class to make a scrollable list of tappable entries with pictures and discriptions.
- When a service View is tapped its app is opened if installed, or it's website if not.
- [reatlaz/vk_services_app](#)

Picture Tapping Game | *Swift, Xcode*

Jul 2022

- Created an IOS game where the objective is to tap the jumping target picture as many times as possible in given time.
- [reatlaz/catchBarsiqGame](#)

Inverse Compton Scattering Simulation Module | *C++, Geant4, CMake*

Apr 2021 - present

- Implemented object-oriented programming practices such as inheritance to account for a physical process in any simulation using this module.
- [reatlaz/G4InverseComptonScattering](#)

Technical Skills

Languages: Swift, Python, C, SQL

Developer Tools: VS Code, Xcode, PyCharm

Technologies/Frameworks: Django, GitHub