

# RINAT AFIATULLOV

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## Education

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### Moscow Engineering Physics Institute

*Bachelor of Science in Electronics and Nanoelectronics*

September 2019 – May 2023

*Moscow, Russia*

**GPA:** 4.13 out of 5

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

## Courses

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### Back-end development with Python

October 2021 – December 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 – August 2019

*Coursera MOOCs by University Of Michigan*

[Click to view certificate.](#)

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

## Projects

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### VK Services App | *Swift, Xcode*

July 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*

July 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*

April 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

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**Languages:** Swift, Python, C, SQL

**Developer Tools:** VS Code, Xcode, PyCharm

**Technologies/Frameworks:** Django, GitHub