

RINAT AFIATULLOV

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Education

Moscow Engineering Physics Institute

Sep. 2019 – May 2023

Bachelor of Science in Electronics and Nanoelectronics

Moscow

- Data Structures
- Algorithms Analysis
- Database Management

Courses

Back-end development with Python

October 2021 – December 2022

Online course from VK education

[Click to view certificate.](#)

- Course project: 🐙 reatlaz/spreadsheets.app
- Developed a REST API for managing users' spreadsheets using Django.
- Incorporated scripts using Python.
- 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

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 descriptions.
- When a service View is tapped on 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

Languages: Swift, Python, C, SQL

Developer Tools: VS Code, Xcode, PyCharm

Technologies/Frameworks: Django, GitHub