Rinat Afiatullov

t.me/ReAtlaz github.com/reatlaz reatlaz.github.io

Education

Moscow Engineering Physics Institute **Sep 2019 – May 2023**

Bachelor of Science in Electronics and Nanoelectronics *Moscow, Russia*

GPA: 4.13 out of 5

Relevant coursework:

- Mathematical Analysis
- Algorithms
- Electronics
- C Programming Language
- Computer-aided design (CAD)
- Microcontroller programming

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 athentication 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