

ILYA YAROSHEVSKIY

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👤 iliayar

EXPERIENCE

Software Engineer

Yandex

📅 November 2021 – Ongoing 📍 Saint-Petersburg, Russia

- Working on several highload SaaS microservices solutions using *userver* framework.
- Introduce type system with inference to internal DSL for these SaaS.
- Implement scripts, interfacing these services using Python

C++ Python PostgreSQL MongoDB Git Unix/Linux
Userver

PROJECTS

UPA CAN FLASH

CAN bus device flashing util

📅 February 2021 – September 2021 📍 iliayar/UPA_CAN_FLASH

- Create a graphical user interface using Qt framework
- Implement binary communication protocol following ISO

C++ Qt GTest CMake
Windows Linux Github CI/CD

Raytracer

Basic raytracing algorithm

📅 August 2021 📍 iliayar/image-storage

- Implement from scratch algebra calculations on vectors
- Made an multithreaded raytraing algorithm with GUI

Rust Nix

ITMO University

Different study assignments and projects

📅 September 2021 – Ongoing 📍 iliayar/ITMO

Java Haskell Rust C++ A&Ds \LaTeX

OTHER EXPERIENCE

CTF

Cyber-Security contests

📅 2018 – Ongoing 🏁 CTF Time

Regular playing CTFs, proficient in binary exploitation and reverse engineering

AWARDS & ACHIEVEMENTS

🏆 Students CTF 2020, Top 5 in student league

🏆 Students CTF 2021, 2nd in open league

Cyber-Security Contest for Saint-Petersburg students teams. Web exploitation, binary exploitation, reverse engineering

SKILLS

Programming Languages

Proficient: C++ Python Rust

Intermediate: Bash C Haskell Java

Novice: Kotlin JavaScript

Development Tools & Environment

Git Github CI Unix/Linux Docker
Nix

Frameworks & Databases

Django Qt PostgreSQL MongoDB

LANGUAGES

Russian ● ● ● ● ●
English ● ● ● ● ●

EDUCATION

ITMO University

Bachelor in Computer Science

📅 2019 – 2023 📍 Saint-Petersburg, Russia

Cumulative GPA: 80.6/100.0

Lyceum 4

Secondary School Diploma

📅 Graduated 2019 📍 Taganrog, Russia

SIRIUS University

Cyber-Security Program

📅 October 2019 📍 Sochi, Russia