

ILYA YAROSHEVSKIY

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iliayar

EXPERIENCE

Junior Developer

Yandex

- November 2021 – Ongoing Saint-Petersburg, Russia
- Working on several highload microservice solutions using internal *userver* framework.
 - Maintain the Python library, interfacing these services.

C++ Python PostgreSQL MongoDB Git Unix/Linux

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

Org Dashboard

Web time management and notes application

- September 2020 – January 2021 iliayar/org-dashboard
- Implement MVC pattern from scratch using kotlin js
 - Implement API using DSL frameworks: Ktor for backend and Exposed for database
 - Containerize solution using Docker

Kotlin JavaScript HTML+CSS Docker PostgreSQL

Image Storage

Telegram bot for storing media

- August 2020 iliayar/image-storage
- Built a telegram bot using library on top of Servant framework
 - Made a web service to view media files using Yesod framework

Haskell Github CI Docker

ITMO University

Different study assignments and projects

- September 2021 – Ongoing iliayar/ITMO

Java Haskell Rust C++ A&Ds L^AT_EX

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 Java

Intermediate: Bash C Haskell Rust

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