

ILYA YAROSHEVSKIY

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🌐 iliay.ar/about

EXPERIENCE

Software Engineer

Yandex

📅 November 2021 – Ongoing 📍 Saint-Petersburg, Russia

- Developing and maintaining couple high load widely used infrastructure microservices, written in c++ using /userver/ framework.
- Developed a type inference system for internally used DSL, OpenAPI schemas generator and tooling around
- Developed an infrastructure for using serverless cloud functions: ci/cd and tooling

C++ Python PostgreSQL MongoDB Git Unix/Linux
Userver YDB SQL

PROJECTS

UPA CAN FLASH

CAN bus device flashing util

📅 February 2021 – September 2021 🌐 iliayar/UPA_CAN_FLASH

- Create a graphical user interface, configurable from user configs
- Implement binary communication CAN protocol following ISO, using multithreading for creating synchronous-like interface to describe communication on higher level.

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

μCI

Easy to use CI/CD system

📅 April 2023 – September 2023 🌐 iliayar/uci

- Implement service for executing pipelines and manage docker container
- Made a command line interface for interacting with service
- Made a Web app to display runs, logs, etc. and interacting with service using reactive framework

Rust Nix Docker Tokio Leptos Tailwind HTML
JavaScript

SKILLS

Programming Languages

Proficient: C++ Python Rust

Intermediate: Bash SQL C Haskell
Java

Novice: Go Kotlin JavaScript

Development Tools & Environment

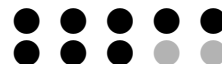
Git Github CI Unix/Linux Docker
Nix HTML

Frameworks & Databases

Django Qt PostgreSQL MongoDB
Userver YDB Tokio Tailwind

LANGUAGES

Russian
English



EDUCATION

ITMO University

Bachelor in Computer Science

📅 2019 – 2025 📍 Saint-Petersburg, Russia

Cumulative GPA: 80.6/100.0 🌐 iliayar/ITMO

Java Haskell Rust Go Python
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

C Assembly Linux JavaScript
Python SQL