ILYA YAROSHEVSKIY

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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 inernally used DSL, OpenAPI schemas generator and tooling around
- Developed an infrastructure for using serverless cloud functions: ci/cd and tooling

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

PROJECTS

UPA CAN FLASH
CAN bus device flashing util

📅 Febrauary 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

μ CI
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 iteracting 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

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Novice: Go   Kotlin   JavaScript

- -

Development Tools & Environment

Git   Github CI   Unix/Linux   Docker
Nix   HTML

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Frameworks & Databases

Django   Qt   PostgreSQL   MongoDB
Userver   YDB   Tokio   Tailwind

LANGUAGES

Russian   ●●●●●
English   ●●●○○
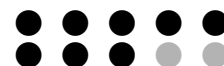
EDUCATION

ITMO University
Bachelor in Computer Science

📅 2019 – 2024   📍 Saint-Petersburg, Russia

Cumulative GPA: 80.6/100.0   🔗 iliayar/ITMO
Java   Haskell   Rust   Go   Python
C++   A&Ds   LaTeX

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