

EMILIA MIKI

SOFTWARE DEVELOPER

EXPERIENCE

I have been passionate about computer science since 2017. I never really stopped learning new subjects in the field and never stopped coding for too long, I'm always enthusiastic about improving my skills and knowledge and exploring new ideas and technologies. I like both low-level and high-level programming, as well as all kinds of math, so you can assume that I'm at least well-oriented in computer science.

In the latest months my learning is more focused and I prioritize Go, TypeScript, Node.js and other technologies useful for backend development, but I'm also open to do systems programming instead.

NOTABLE PERSONAL PROJECTS

<https://github.com/emilia-miki/music-browser>

A somewhat overengineered backend in Go designed to showcase my skills with Go, gRPC, TypeScript, GraphQL, SQL, PostgreSQL, Redis, Docker, Kubernetes and Terraform.

More details in the repository's README

<https://github.com/emilia-miki/pc-lab5>

A client in Go and a server in Rust, showcasing a custom binary application protocol over TCP, asynchronous programming, parallelization of CPU-intensive tasks with a thread pool, and usage of various synchronization primitives.

More details in the repository's README

<https://github.com/emilia-miki/code>

A repository with some of my small programs written for educational purposes (at university or at the EPAM .NET University Program) or just for fun. Includes many programming, algorithms and data structures implementations in C/C++, so you can check it out to see some examples of those.

More details in the repository's README

EDUCATION

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

Institute of Applied System Analysis, Computer Science

2020-2023, unfinished

PERSONAL

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t.me/emilia_miki/

github.com/emilia-miki/

Ukraine, preferred remote or relocation to Kyiv

LANGUAGES

Ukrainian: native

English: C1

SKILLS

Go

TypeScript

Node.js

HTML/CSS

C

Rust

Shell

Unix/Linux

gRPC

SQL

GraphQL

PostgreSQL

Redis

Docker

Kubernetes