Полина Потапова

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✈ **@prettyroseslover**

○ GitHub: prettyroseslover

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Experience

- Teaching assistant at Petrozavodsk SU programming club
  2019-2020, C++ basics
- Golang developer at Tinkoff
  2021-now, from Intern to Middle developer

Skills

- Rust — async (tokio, io-uring); web (axum, sqlx); graphics (wgpu, bevy)
- Haskell — profunctor optics; algebraic effects (polysemy); property testing (QuickCheck, Hedgehog)
- Golang — microservices; CLI utilities; K8s operators; CSI drivers
- Kubernetes — helm; creating custom operators and CSI drivers
- Linux — modern desktop environments, software packaging, NixOS, containerisation, systems programming

Projects

- hs-nummy — TUI calculator with physical unit conversions. Haskell.
- ebpf_firewall — network layer firewall for the Linux kernel. Rust with aya.
- comp_graphics — various computer graphics projects. Rust with wgpu. Part of a university project.
- model_rtos — a behavioral model of a real-time OS. Rust with low-level libc. Part of a university project.
- academic_webapp — web app that tracks scientific publishing and citations. Rust with axum, TypeScript with Next.js, Kratos. Part of a university project.
- kwin-bismuth — maintainer of the AUR distribution. Upstream is a kwin plugin that offers comprehensive tiling capabilities.

Education

- dpv.soft coding bootcamp
  2019, C# backend track
- Saint-Petersburg Polytechnic University
  2020-2024, BSc in Software Engineering

Languages

- Russian — Native
- English — C2
  Taken CPE Grade A
- Japanese — Intermediate