



aka cab404
 aka Cabia Rangris
 loves wearing long dresses
 brown-green eyes
 ru / en

- α **Blockchain Rust developer** with Substrate experience
- γ **Android developer** with a dozen of apps finished and released
- ζ **Team Lead** with experience of leading small (2-5) devteams
- θ **DevOps** with experience of managing multiple clusters
- λ **Maintainer** of tens of packages in Nixpkgs
- σ Programming for **13 years**
- δ ~~A father of two~~ A founder of two hackerspaces

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Work Experience

Senior Typescript Developer | QURI

October 2022 - September 2023

Squiggle is a simple estimation language.

I've written a new **Lezer** parser, code editor integration and completions, implemented several new display features with **React** and language features with **Peggy**.

Senior Rust Developer | Pontem Network

April 2021 - January 2022

Pontem is a Libra-to-Polkadot bridge.

I've developed **Substrate** multisignature pallet in **Rust** and testing infrastructure for Pontem, and kept the cursed train of pallet updates going.

Senior Reliability Engineer | Serokell

October 2021 - November 2022

Serokell is a sweatshop doing functional programming and infra.

We've kept multiple clusters of **NixOS** machines updated and afloat, with Terraform, Vault, Grafana, etc.

I ended up being a **team lead** of SRE division for a few months before leaving.

Maintainer/Committer | Nixpkgs

November 2019 - Present

In Nixpkgs, I mostly maintain **3D printing**-related packages and system configuration options for **NixOS**, although I also package and review other things as well.

Participated in Summer Of Nix 2022 event as a **mentor** and a **team lead**.

Senior Android Developer | Obed Bufet

June 2017 - June 2020

ObedBufet are a small chain of buffet-style restaurants.

I've programmed and maintained our native **Android** courier app from the ground up. Worked as a courier for several orders just to do integration testing.

A bit later, rewrote it in **Flutter**, finally getting support to our couriers with **iOS**.

Sadly, ObedBufet's own delivery is dead and gone now.

From 2014 to 2017 I've worked as a Middle Android Developer at «Altarix» and a Senior Android Developer at «Yarr» and «Mos.ru».

Projects

That's far from being an exhaustive list

wg-bond 🐱

Wireguard network configuration tool, I've written in **Rust**. Supports generating configurations in plethora of formats.

Chumroll/Sylladex 🐱

Even before RecyclerAdapters were there, I wished for a simpler interface to mix types in **Android** adapters. It only took writing one.

Glorious Ticket Checker 🐱

Not one of my top moments, but this ticket checker written in **Python** with **Django** is something still in use at fandom conventions.

Teaching in GoTo summer school

In 2018 and 2019 I've participated in GoTo and taught 14-y/o children **Android** in **Kotlin**, **Haskell**, **Python**, and basic **Linux** usage.

Reproducing "Grokking"

Transformer experiment done in **PyTorch**. We've managed to reproduce it, theorize the cause of it and play around improving AdamW.

Hacker Embassy 🌐 🐱

A hackerspace in Yerevan I've opened, and led it to self-sustainability in about a year. Do visit us!

Moscow Metro «Hack» 🌐

Weirdly enough, the thing exploded and I've got flooded with interview requests. At least the guys behind it did fix the issue in the end.

Makers Against COVID 📌

On the same COVID summer I've **3D printed** adapters and masks, as well as giving tech support and mentoring other makers.

cab-home 🐱

My own **NixOS** configuration I use to deploy a mail server, Nextcloud, laptops, 3D printer and some other infrastructure.

Ponyhawks App 🐱

I've spent my childhood writing parser-based Livestreet client apps for **Android**, and this one is the apotheosis of my early journey.

Summer Of Nix 🌐

In 2022 I've led a small team of 6 hackers, as we've solved building and packaging problems for EU-funded bundle of **NixOS** services.

OCapN/Haskell 🐱 🌐

NLNet-funded project we've undertaken with my friend. We are implementing OCapN actor protocol and programming framework in **Haskell**.

JBeacon

Indoors tracking solution, where I've wrote firmware for Raspberry Pi based Bluetooth Low Energy trackers in **Python**.

undefspace 🌐 🐱

A hackerspace in Moscow I've co-created and am keeping alive for four years now. Do visit us too!

Plugprinter 📌

Once upon a summer on a COVID sabbatical, I've opened a sex toy atelier. I do know **3D modelling**, and **3D printing** quite well now.

This resume 🐱

This resume is open source!