Ksenia Portu

Software engineer, Mathematician, Haskell/Nix fan

Last update: December 13, 2022

Up-to-date version of CV is available at
https://ksenia-portu.github.io/cv-dummy

Linkedin		🐦	Ksenia Portu
Github		🐦	Ksenia Portu
Email		✉	ksenia.portu@gmail.com

Skill	Level	Skill	Level	Skill	Level	Skill	Level	Skill	Level	Skill	Level
Mathematics	●●●●	Haskell	●●●●	Functional programming	●●●●	Teaching	●●●●	NixOS	●●●○	Linux	●●●●
Blockchain	●●●○	Pi calculus	●●●●	Petri nets	●●●●	Linear Logic	●●●●	Session types	●●●○	Git	●●●●
Cryptography	●●●○	Devops	●●●○	Research and Software Development	●●●○	Category theory	●●●○	Dependent types	●●●○	Recursion-schemes	●●●○
Linear algebra	●●●○	Statistics	●●●○	Machine learning	●●●○	Comonads	●●●●	SQL	●●●●	Python	●●●●

Software engineer passionate about Mathematics

Professional Experience

Haskell developer (contractor) payment system

Haskell | PostgreSQL | docker | docker-compose | nix | knative

Haskell developer (contractor) recruitement web platform

Haskell | PostgreSQL | docker | docker-compose

Haskell developer (contractor) develop DSL

Haskell | Nix package manager | compiler | lambda calculus | Parsing | Type inference | Bidirectional typechecker | Evaluation

Blockchain Haskell developer new generation blockchain

Haskell | cryptography | blockchain consensus algorithms | p2p network | routing | smart-contracts | RocksDB | rancher | docker

Education

Ural Federal University / Applied Mathematics, 2007 - 2012, Master degree

Additional Experience

University Lecturer

Branch of Ural Federal University

Sem 2020 - Jun 2021

teaching

```
I teach such disciplines as
— Information System's design
— High-level programming languages (Haskell)
— Databases
— Semantic networks

I curate numerous students' programming projects.
```