

Ksenia Portu

Software engineer,
Mathematician, Haskell/Nix
fan

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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

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 Software Engineer
payment system

Haskell PostgreSQL docker docker-compose nix knative

Haskell Software Engineer
recruitment web platform

Haskell PostgreSQL docker docker-compose

Haskell Software Engineer
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.