

# 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

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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 ●●●●		

Software engineer passionate about Mathematics

## Professional Experience

Haskell developer (contractor)  
payment system

Haskell PostgreSQL docker docker-compose nix knative

Haskell developer (contractor)  
recruitment 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