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

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)
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

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

I curate numerous students' programming projects.
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Sem 2020 - Jun 2021

teaching