







Dmitrii Naumov

Developer

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WORK EXPERIENCE


Researcher, Jetbrains, Concurrent Computing Lab

Jul 2021 - Mar 2022  7 months

Worked on concurrent data structure for dynamic SSSP (Single Source Shortest Paths) problem

- Designed and implemented an algorithm in Kotlin
- Proved and tested it's linearizability
- Achieved a multifold speed up in realistic use case scenarios compared to existing solutions

Backend developer, Webim

Aug 2019 - Oct 2019  2 months

Migrated Python 2 project to Python 3

- Found alternatives to deprecated libraries
- Implemented integrations through third-party services (OAuth, SMS)

SKILLS

Python: numpy, pandas, sklearn, xgboost, PyTorch, Django.

Used in machine learning projects such as reinforcement learning, recommender systems. Also used Django in a generic backend application.

Kotlin: lincheck.

Used in concurrent SSSP maintenance research.

Java: Spring MVC, JMH.

Used in projects e. g. LL(1) parser generator, Yakubov-Merkle tree.

C++: C++17.

University courses, competitive programming.

Other: Haskell, Git, Linux.

EDUCATION

Bachelor, Computer science, ITMO

Sep 2017 - Jul 2022

ABOUT ME

Interested in concurrency, functional programming and programming languages theory.

Looking for a job where I could apply and improve my knowledge of computer science.

LANGUAGES

Russian - Native

English - Upper-Intermediate (B2)