



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) maintenance problem

- Designed and implemented an algorithm in Kotlin
- Proved and tested its linearizability
- Implemented other different data structures for this problem and benchmarked them against one another

Backend developer, Webim

Aug 2019 - Oct 2019 🕒 2 months

Migrated Python 2 project to Python 3

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

SKILLS

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

Applied in machine learning projects such as reinforcement learning, recommender systems and a bit of backend.

Java: Kotlin, Spring.

Used in projects e.g. parser generator, classical logic statement prover.

C++: C++17.

University courses, competitive programming.

EDUCATION

Bachelor, Computer science, ITMO

Sep 2017 - Jul 2022

ABOUT

Interested in concurrency, functional programming and programming languages theory.

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