

KOCHUR VIKTOR

Citizenship: Uzbekistan ♦ Current Location: Moscow, Russia

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SKILLS

BACKEND C++, Python, protobuf, gtest
DATA PIPELINES Spark, Hadoop, Kafka, Airflow
SOFT SKILLS Time Management, Teamwork

EDUCATION

MISiS University of Science and Technology,
Moscow, Russia Sep 2019 - Jun 2023
B.S., Information Technology
GPA: /5

DevSecOps and containerization technologies

Nov 2022 - Dec 2022

Higher School of Economics, Moscow, Russia

[Credentials in Russian](#)

EXPERIENCE

VK — C++, Python, Big Data

Software Engineer — Dec 2022 - Present, Moscow, Russia

Fuzzy search in search suggests

Goal: increase completeness of suggests engine response. 1. Studied numerous articles and sources about Levenshtein automaton, designed and implemented one.

2. Integrated new automaton technology into existing structure storing queries.

Pipeline for suggests assessment

Goal: implement one click count of metrics. 1. Gathered existing metrics in all projects related to search suggests.

2. Designed and implemented a pipeline in Airflow.

3. Connected all verticals to the pipeline.

Fast index and multiindex

Goal: Faster delivery of new queries and increase completeness.

1. Implemented fast indexer using Kafka and Spark Structured Streaming.

2. Add possibility for one daemon to work with several databases.

2. Add mixer of common and fast results.

VK Education — C++, Project Management, Code Review

Education Mentor — Mar 2023 - May 2023, Moscow, Russia

Modern C++ course

1. Checked the students' homework, conducted code reviews

2. Helped with the creation of the final projects

EDUCATIONAL PROJECTS

Json Parser (C++, STL, json)

[GitHub](#)

Transport Directory (C++, STL, protobuf, SVG, cmake)

[GitHub](#)

- Finds the quickest way from one bus station to another.

- Draws the whole bus routes map using SVG.

Lite Python Interpreter (C++, STL, Python, cmake)

[GitHub](#)

- Analyzes python code.

- Compiles this code.

EXTRA-CURRICULAR ACTIVITIES

- Development in C++ (5 coursers) Yandex & E-Learning Development Fund, Moscow Institute of Physics and Technology [Certificate](#)
- Algorithms/data structures Training Yandex
- "14 Days Study Plan to Crack Algo" Leetcode