

Nikolai Kossa

+7 925 901 95 50 | nikolaikossa@gmail.com | github.com/nakinamo

EDUCATION

HSE University

2020 – 2024

Bachelor of Computer Science

- GPA: 3.5
- Computer Architecture and Operating Systems, Advanced C++ Course
- Calculus, Linear Algebra, Mathematical Statistics

EXPERIENCE

Yandex

June 2021 – October 2021

Software Engineer Intern | C++, Python, Bash, SQL

Moscow, Russia

- Expanded coverage of English search suggestions by 0.5%
- Automated data markup and ml pools building
- Added new data sources

Algorithms Tutor

November 2018 – December 2018

Intensive Competitive Programming Classes for Schoolchildren

Barnaul, Russia

- Taught basic algorithms and data structures
- Helped children solve problems and write code

PROJECTS

Hash Map Implementation | C++

June 2021

- Implemented a bucket hash table with linear iteration guarantee
- Implemented a dynamic resizing to maintain amortized $O(1)$ performance of operations

CV with Continuous Integration | CI/CD Docker

December 2021

- Made a GitHub Action to compile and upload LaTeX document
- Implemented a compilation of LaTeX file using docker container

PERSONAL ACHIEVEMENTS

Google Hash Code

2021

254th out of 9004 teams

Russian State Olympiad in Informatics

2019 – 2020

120th out of more than 13000 participants

SKILLS

Programming Languages: C++, Python, SQL, Bash

Developer Tools: GDB, Git, Docker, CI/CD

Libraries: NumPy, Pandas, Matplotlib

Languages: Russian, English