

TIMUR VANKOV

Moscow, Russia

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EDUCATION

National Research University Higher School of Economics

Bachelor of Applied Mathematics and Computer Science

September 2018 - June 2022

WORK EXPERIENCE

Vkontakte Mail.ru Group, Moscow

Developer

August 2020 - Present

- Products search development.
- Developed indexing engine as a service based on queues and deferred tasks.
- Transferred products search service to microservice architecture and changed search engine.
- Sticker Search. Design and development of a high-loaded service. Bringing from scratch to production.

Junior Developer

December 2019 - August 2020

- Basic search instruments development.
- Developed phonemes and synonyms in people search.
- Developed the first version of automatic indexing of search engines.
- Developed cron jobs to check the quality of indexing search engines.

Yandex Geo Team, Moscow

Intern Developer

July 2019 - December 2019

- Distributed system development in C++ and Python.
- Developed the task of checking with what probability the vulnerable parts of the system worked correctly.
- Added features to speed up development.

PROJECTS

Algocook, Moscow

Solo Project

November 2020 - Present

- Building an application for a smart recipe guide with search and posting.
- The backend is developed on a microservice architecture using Google Cloud, Kubernetes, Docker, gRPC and GoLang.
- For now, a system with automatic deployment and prototype of the user microservice has been created.

Road traffic simulation, Moscow

Team lead Developer

October 2019 - June 2020

- In charge of developing one of the subsystems responsible for the behavior of a random person on the road. Active use of mathematical statistics and Pyro module.

TECHNICAL SKILLS

Programming Languages
Frameworks
Tools

C/C++, Python/Python3, KPHP, GoLang, Bash
gRPC, FastApi, Sklearn, CatBoost, Pandas, Numpy
Linux, Git, Docker, TeamCity, Kubernetes, MapReduce,
Google Cloud

Databases

PostgreSQL, Redis, MongoDB

ACHIEVEMENTS

Developed a C++ library to work with Grebner basis. Active use of the 17 standard.
Prize-winner in All-Russian Math Olympiads “Vischaya Proba”, “Sammatt” and “OMMO”.
Prize-winner in All-Russian Informatics Olympiads “Moscow Olympiad in informatics” and “All-Siberian Olympiad in Informatics”.