

# TIMUR VANKOV

Moscow, Russia

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## EDUCATION

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**National Research University Higher School of Economics**

*Bachelor of Applied Mathematics and Computer Science*

*September 2018 - June 2022*

## WORK EXPERIENCE

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**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.

*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

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**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

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**Programming Languages**

**Frameworks**

**Tools**

**Databases**

C/C++, Python/Python3, KPHP, GoLang, Bash

gRPC, FastApi, Sklearn, CatBoost, Pandas, Numpy

Linux, Git, SVN, Docker, Kubernetes, MapReduce, Google Cloud

Postgres, Redis, MongoDB

## ACHIEVEMENTS

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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”.