

# Gaponov Nikita

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## ABOUT ME

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A novice programmer with no commercial development experience. Now studying Golang, data structures and algorithms (using C++).

## EDUCATION

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- **VK (previously Mail.ru group)** Moscow, Russia  
*Golang web services development course* *Feb 2022 - Current*
- **Moscow Aviation Institute (National Research University)** Moscow, Russia  
*Bachelor in Applied Mathematics and Computer science; GPA: 4.37* *Sept 2020 - Current*  
*Courses: Operating Systems, Data Structures and Algorithms, Databases, Mathematical Statistics, Object-Oriented Programming*

## SKILLS SUMMARY

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- **Programming:** Golang, C/C++, Python, Bash
- **Tools:** Git, SQL, MongoDB, L<sup>A</sup>T<sub>E</sub>X, Make, ZeroMQ
- **Platforms:** Linux, Windows
- **Languages:** English (B1), Russian (Native)

## EXPERIENCE AND PROJECTS

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- Golang back end for redditclone website: Wrote an API to provided front end part. The task was completed as part of VK Education Golang course, so at present I cannot upload code to open sources. The site looks similar as [asperitas.vercel.app](https://asperitas.vercel.app)
- Interaction with MongoDB using Golang: Created simple queries using MongoDB Go Driver.
- CLI program for multiplying polynomials: Used Golang and its goroutines for parallel calculations.
- Simple query processing system: Used C++ and ZeroMQ to implement a simple system for processing requests using system calls to run several accessory programs, data between them was transmitted using ZeroMQ sockets
- Client-server console application: Client-server simple console game on C++ based on clients-server interaction using shared memory

## HONORS AND AWARDS

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- Diploma of the 3rd degree - RuCode 6.0 festival - November, 2022
- 41st place in the ranking of Yandex Algorithmic training 3.0 - April, 2023

## ADDITIONAL COURSES

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- Algorithmic training 1.0, 2.0, 3.0 – Yandex
- Python: Basics and application – Bioinformatics Institute
- SQL Algorithms – Far Eastern Federal University
- Programming in Golang