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About Me

A novice programmer with no commercial development experience. Now studying Data Structures and Algorithms (using C++), Golang and MongoDB, I also used Python to model systems based on theoretical mechanics, solve some math tasks and to test some of my C++ programs.

Education

- **Moscow Aviation Institute (National Research University)** Moscow, Russia
  Bachelor in Applied Mathematics and Computer science; GPA: 4.57 *2020 - Current*
  Courses: *Operating Systems, Data Structures and Algorithms, Databases, Mathematical Statistics, Object-Oriented Programming*

Skills Summary

- **Programming**: C/C++, Golang, Python, Bash, Prolog
- **Tools**: STL, Git, SQL, MongoDB, LaTeX, Make, CMake, ZeroMQ
- **Platforms**: Linux, Windows
- **Languages**: English (B1), Russian (Native)

Experience and Projects

- 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.
- Modeling of mechanical systems: Used the matplotlib, sympy and numpy modules (Python) as part of a theoretical mechanics course to model and visualize various systems.
- 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

- Diploma of the 3rd degree - RuCode 6.0 festival - November, 2022

Additional Courses

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