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ABOUT ME

A novice programmer with no commercial development experience. Now studying Data Structures and Algorithms (using C++) and SQL, I also used Python to model systems based on theoretical mechanics, solve some math tasks and write simple tests for my C++ programs. I plan to start studying Golang in the near future.

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++, Python, SQL, Bash, C#, Prolog
- **Tools:** Git, L^AT_EX, STL, Make, ZeroMQ, valgrind, strace, gprof
- **Platforms:** Linux, Windows
- **Languages:** English (B1), Russian (Native)

EXPERIENCE AND PROJECTS

- 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

ADDITIONAL COURSES

- Python: Basics and application – Bioinformatics Institute
- SQL Algorithms – Far Eastern Federal University