Konstantin Sapogov

sapogov@gmail.com   +381629734530

linkedin.com/in/sapogov   https://github.com/sapogov1978

Summary

Technical skills:

- C software development experience as part of project-based learning program of "School 21"
- Basics of C++ software development experience as part of project-based learning program of "School 21"
- Basics of Python scripting
- Implementation of various algorithms as a part of the "School 21" program (projects are presented at https://github.com/sapogov1978)
- Familiarity with open-source developer tools such as gcc, gnu make, valgrind
- Basic knowledge of relational databases (SQL: CRUD)
- Basic system administration of Linux systems (Bash scripting, permissions, networks)
- Automation of routine tasks using Bash scripting
- Building and running the containerized applications with Docker and docker-compose
- General understanding of the developer workflow in the team (Jira, Git, CodeStyle, etc.)
- Soft skills at the Senior level - life experience and previous working experience taught me how to get along with almost any person

Personal Skills:

- Good organization and time management skills
- Ability to learn effectively and meet deadlines
- High motivation to develop quickly and grow within the team
- My great desire is to join the real product development team. I compensate for the lack of experience in programming with the ability to learn quickly both independently and in a team

In the future, I would like to develop in the field of game graphics, UE4 / 5, AR / VR.

Experience

C/C++ developer (Intern/learner)

Ecole 42 Private technical institution of higher learning (https://42.fr/) / Programming School 21

Oct 2020 - Present (1 year 9 months +)

Projects complete:

- MiniRT - basics of ray-tracing (primitives, diffuse light an shadows)
- MiniShell - bash like command line enviroment with basic commands and architecture.
- Philosophers - multithreading on C with ptheads (problem of philosophers on the round table)
- libft - This project consists of coding basic C functions, which are then compiled into a library for use in other projects of the cursus.
- GetNextLine - Function which returns a line read from a file descriptor. Calling function in a loop will then allow to read the text available on a file descriptor one line at a time until the EOF.
- PrintF - Recode of system printf. Works with cspdiuxX% conversions, field size and precision.
- PushSwap - sorting algorithm with 2 stacks
- Server - simple webserver with MySQL and PhpMyAdmin compiled in 1 docker-container

- Inception - webserver with Nginx, MariaDB and PHP in 3 different containers orchestrated with docker-compose

Education

42
Bachelor's degree, Computer Science
2022 - 2024

School 21
Information Technology
Oct 2020 - Dec 2022

Licenses & Certifications

Programming in C++ (beginers) - Stepik
1439930

Skills

C (Programming Language) • C++ • Algorithms • Git • Linux • Bash • Shell Scripting • Project Management • Docker Products