

Yuriy Grigoryev

Junior C++ developer, third-year student at SibSUTIS in Novosibirsk
(Siberian State University of Telecommunications and Information Sciences)

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Web: <https://allenvox.me>

Telegram: <https://t.me/allenvox>

GitHub: <https://github.com/allenvox>

Skills

Languages

Russian (native)
English (Level C1, self-tests, IELTS tries)
German (Niveau C1, [ZfA DSD II](#) certificate)

Operating Systems

Linux macOS Windows

Programming Languages

C C++ Python


Soft Skills

Asking questions Adaptability

Other

Bash	OpenMP	MPI	DSA	OOP	Unit testing	GitLab
CMake	Makefile	DSA	GDB/LLDB	CI/CD	Git	Docker
Matlab	Matplotlib	NumPy	Flex	Bison	LLVM	

Work experience

Years	Name of Institution	Position	Place
2021 - 2024	SibSUTIS	Student	Novosibirsk 

Conducted various researches and projects, worked with a SLURM-based computing cluster to run parallel MPI programs, horizontally scaled a web server using Docker and Docker-compose, wrote network and console utilities in C++, organized team work using GitHub and GitLab, conducted code reviews, gave presentations on technologies and methods for implementing various data structures & algorithms.

2022 - 2023	Various Summer Camps	Photographer / Journalist / Summer Camp Counselor	Ridder  / Oskemen 
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Organized photoshoots for a large number of people, led a team of people of different age groups, planned and implemented children's leisure and activities, ensured their safety, conducted team-building training and events, organized teamwork within given deadlines, resolved various conflicts in the team.

Education

Name and Place of Institution	Results	Years
SibSUTIS, Novosibirsk	Bachelor's degree in Computer Science	2021 - 2025

Awards and achievements

Achievement	Name of Institution	Year
Participant of American Leadership Experience (ALEX) Program, USA	U.S. Department of State's Bureau of Educational and Cultural Affairs	2022
Finalist of Future Leaders Exchange (FLEX) Program, USA	U.S. Department of State's Bureau of Educational and Cultural Affairs	2021
Participant of Preisträger Austauschdienst (PAD) Program, Federal Republic of Germany	Kultusministerkonferenz (Education and Cultural Ministers Conference of German Federal States)	2020

Projects

Name	Period	Stack
Internet Chat	February 2024	C++, pthread lib
Parallel Inverse Matrix Algorithm	November - December 2023	C++, MPI
R-Tree Data Structure	May - June 2023	C
Parallel "Quick Sort" Algorithm	May 2023	C, OpenMP
Simple Computer Architecture	April - May 2023	C, CTest
Parallel N-body Simulation	April 2023	C, OpenMP
SEIR-D COVID-19 Model	April 2023	C++
Parallel Integration	March 2023	C, OpenMP
Lagrange Polynomial	March 2023	C++
Fibonacci Heap Data Structure	December 2022	C
Bloom Filter Data Structure	December 2022	C
String Class	December 2022	C++
Prefix Tree (Trie) Data Structure	November 2022	C
Red-Black Tree Data Structure	October 2022	C
Password Generator	March - May 2022	C, CTest, GitHub CI

Hobbies

Photography (Instagram Profile)	Guitar	Badminton
LeetCode Tasks' Cracking	Coffee Making	