

Vladimir Golovin

Junior Software Developer

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🐙 github.com/vlvin

📍 Georgia, Tbilisi

Education

- Secondary School
2011-2022
- Russian University of
Transport (MIIT)
2022-2023

Skills

- C++
- Python
- JavaScript
- HTML/CSS
- Git, VCS
- VSCode IDE
- MySQL
- Problem Solving
- Data Structures
and Algorithms
- Object Oriented
Programming Principles
- Object Oriented
Programming Patterns

Summary

Very motivated 19 years old software developer with 3+ years of programming experience in various languages including C++, python and HTML/CSS/JS. Aiming to actively contribute to the development process and gain my skills

Work Experience

Software Developer

Open Source Software Development community
"ProgReadClub"

Project: CLox programming language interpreter

📅 September 2023 – February 2024

- Developed CLI-Application with functionality to read CLox language code from file or from interactive console, and execute it directly
- Performed optimizations which increased performance by 20 times
- Extended CLox language dictionary
- Extended Standard Library
- Added embedability to project

Project: TowerDefense game

📅 February 2024 – March 2024

- Designed and Developed Desktop Game using C++ and RayLib library
- Implemented various algorithms such as:
 - A* PathFinding,
 - Box Collision Detection,
 - etc.
- Wrote Unit-tests with Gtest library

Project: TowerDefense game

📅 September 2024 – Present

Responsibilities:

- Design Architecture of CloxVM
- Develop VM with designed architecture
- Develop compiler from CLox language to CloxVM Bytecode
- Develop CLI-Application with ability to read CLox language code from file or from interactive console, compile it to bytecode and execute compiled files