

Timofey Lykov

Software Developer

@ t.lykov21@gmail.com

☎ 604-704-2164

📍 4812 Dumfries St, Vancouver,
Canada

🌐 portfolio.tlykov.ca

Skills

TECHNICAL

- Languages: C++, C, Java, Python, SQL, x86, Javascript, Typescript
- Other: Git, Angular, React, HTML, CSS, Node, CMake, GoogleTest, Docker, NextJS, VueJS
- Software: VSCode, Unity, Android Studio, Unreal Engine, Blender
- Operating Systems: MacOS, Linux, Windows

TRANSFERABLE

- Solid problem solving learned through coding and troubleshooting
- Teamwork through various university projects and team oriented jobs
- Strong communication and interpersonal skills from multiple customer service jobs

Education

BSC COMPUTING SCIENCE

Simon Fraser University

Sep 2018 - Apr 2023

Burnaby, BC, Canada

COURSEWORK

Software Testing, Web
Development, Database Systems,
Statistics, Artificial Intelligence,
Simulation

Recent Work Experience

WEB DEVELOPER, VOLUNTEER/FREELANCE

Dec 2023 - Present, Vancouver BC

- Built, edited and assisted with various web projects for non-technical clients
- Work included building websites from scratch, restyling CMS sites, web scraping data
- Ongoing development and maintenance for **Legacy Kinetics** business website

SKIPPER, AQUABUS FERRIES

Sep 2021 - Present, Vancouver BC

- Operator and Trainer for ferries in False Creek
- Responsible for safely transporting up to 30 people at a time and being able to act effectively in emergencies
- Further developed efficient communication skills through coordinating with other vessels

Links

🌐 portfolio.tlykov.ca

🌐 linkedin.com/in/tim-lykov

🌐 github.com/tlykov

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Projects

COMPANY WEBSITE – LEGACY KINETICS

Jan 2024 – Present, Volunteer/Freelance

- Ongoing website development for Legacy Kinetics
- Additionally developed tools for the company owner to add content themselves
- Goals include finding new clients and providing information about the company
- Tools used: NextJS, React, Javascript, Node, MongoDB, Google Cloud Platform, PM2
- Link to project: legacy-kinetics.com

NOTE TAKING WEB APPLICATION

Mar 2023, Server-Side Development, SFU

- Allowed me to learn about the entire process behind building and deploying a web application and using cloud computing tools
- Tools used: Node, Angular, MongoDB, Docker, Google Cloud Platform

CHAT GAMES WEB APPLICATION

Oct – Dec 2022, Software Development Methods, SFU

- Worked in a team of 7 students to create a chat application with features such as public/private lobbies and several mini games to choose from
- Focused on system flexibility, scalability, good design practices, and future changes
- Tools used: C++, Git, Docker, GoogleTest, CMake

EVENT SIMULATION

Mar 2022, Computer Simulation and Modelling, SFU

- Simulated wait and response times for different priority patients in a hospital using C++
- Collaborated with a group of three other students using Git and with weekly meetings

PARALLEL ALGORITHMS

Mar 2022, Distributed Systems, SFU

- Parallelized various algorithms using threads and processes in C and C++
- Parallel algorithms developed include PageRank, Monte Carlo estimation, SSSP

NATURAL LANGUAGE PROCESSOR

Dec 2021, Introduction to Artificial Intelligence, SFU

- Trained and evaluated a NLP for rating the toxicity of text comments from real world data
- Developed using scikit-learn and numpy libraries in Python
- Allowed me to gain insight into how machine learning models are built