

# Thanh Le

“Software Engineer”

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## TECHNICAL SKILLS

**Languages:** C/C++, Python, JavaScript, SQL, HTML5/CSS

**Frameworks:** React, NodeJS

**Libraries:** jQuery, OpenCV, TensorFlow

**Developer Tools:** Git, VSCode, Netlify, Heroku, AWS, Figma

## EXPERIENCE

### Founder, Full-stack Developer

May 2021 – Present

*TetherPortal* |  

Waterloo, ON

- Provided users with accessibility to digital assets, executed large orders with lower trading fees by up to 50% compared to other trading platforms
- Built an online ordering system using **React**, **CSS**, **Netlify** and **Figma**, increasing frequency of orders by 78% and average order value by up to 180%
- Retrieved real-time buy/sell rates from **Coinbase API** with **jQuery** to compute quotes
- Currently serving in Ontario, where there are still many restrictions (especially P2P) for new investors

### Coding Instructor

September 2018 – May 2021

*My Competitive Coding Club*

Cobourg, ON

- Taught competitive programming in **C++** and programming basics in **Pascal** with an emphasis on code clarity
- Gained a solid foundation on data structures (stack, queue, linked list, dictionary) and algorithms (sorting, searching, dynamic programming, recursion, etc.)

## PROJECTS

### AnonymityChat |

February 2022 – April 2022

- A full-stack chatting app for complete anonymous conversations
- Built with **NodeJS** and **HTML5/CSS**, running on a simple server deployed with **Heroku**
- Optimized message retrieval time from the server to less than 3ms by broadcasting data using **Socket.IO**

### Fire Out |

May 2017 – September 2017

- Aspired to create an Autonomous Fire Extinguisher using Computer Vision
- Built a working prototype based on **Python**, **OpenCV** and **YOLOv2**, as well as explored deep learning to improve fire detection algorithm with **TensorFlow**

## COMMUNITY INVOLVEMENT & LEADERSHIP

### Pianist

September 2021 – April 2022

*St. Jerome's University Church*

Waterloo, ON

- Performed and spoke weekly in front of 50+ people audiences

### President

September 2018 – May 2021

*William Academy Student Association*

Cobourg, ON

- Created the Student Association website using **JavaScript**, **HTML** and **CSS**
- Maintained the communication bridge between teachers and ESL students using **Vietnamese** and **Mandarin**
- Oversaw and organized school events, open house, elections, graduation ceremonies

## EDUCATION

### University of Waterloo

Expected May 2026

*Bachelor of Computer Science*

- Cumulative GPA: 3.96
- **Scholarships:** International Student Entrance Scholarship (\$10,000), President's Scholarship of Distinction
- **Relevant coursework:** Object Oriented Software Development, Designing Functional Programs (Advanced), Algorithm Design and Data Abstraction, Logic and Computation