Felix Liao

✉ felix.liao@uwaterloo.ca | ⬤ github.com/LiaoFe | 🌐 liaofe.github.io/mywebsite | 📞 647-230-8456

SUMMARY OF QUALIFICATIONS

- Languages: **C++, C, Java, JavaScript, HTML, CSS, Bash, R, Racket, OOP** in **Java** and **C++**
- Tools: **ReactJS, Bootstrap, Node.js, Git, Linux, VS Code**
- Efficient at learning driven by a great desire to acquire new skills quickly
- Proficient collaborative skills and open-mindedness towards others, developed by working with a variety of people from volunteer experience

PROJECTS

Personal Website and Blog

- Built a single-page application using **React** routing and includes a blog using **ReactJS**, **Bootstrap**, and **Node.js** all done on **VS Code** with aid of **Linux** commands
- Updated website using **Git** and styled with **CSS** to create a responsive website includes mobile views

Badminton Tryout Tracker

- Developed an application using **OOP Java** to manage sports tryouts and included a points system to rank individuals based on different stats, such as wins, points, and experience
- Created a feature to store profiles of participants which could track their stats and sports background, include an image of them, and add side notes

Chess Team Project

- Created a chess game that could be played using the command line which also had a graphical view to represent a chess board in play and an option to have a computer player with different levels
- Implemented with **OOP C++** with using **Git** and **UML** diagrams to help plan and organize our code

WORK EXPERIENCE

NOC Analyst, Compugen   (May 2021 – September 2021)

- Analyzed system alerts from software that monitored devices and escalated situations accordingly by communicating issues to other team members via MS Teams
- Worked in a large team environment to communicate updates on team projects and hosted bi-weekly meetings to train team members

OTHER EXPERIENCE

Captain of Badminton Team/Club Organizer, High School   (September 2018 – March 2020)

- Evaluated individuals during tryouts by analyzing strengths and weaknesses of players and advised the coach which created a stronger and more motivated team
- Lead drills and trained members which produced highly confident players and improved the team's performance as a result of years of prior badminton experience
- Organized badminton tournaments which acted as scouting sessions for the captains and the coach

Math Tutor, High School   (September 2018 – November 2019)

- Strengthened the understanding of students by providing alternative perspectives to solve problems which resulted in higher marks in Advanced Functions, Vectors, and Complex numbers

Activity Leader and Squad Leader, JFK Summer Camp   (August 2016 – August 2019)

- Managed sports activities with other leaders by setting up equipment and supporting children to create a welcoming community for all campers

EDUCATION

Candidate for Bachelor of Computer Science   Waterloo, Ontario

- University of Waterloo   (September 2020 - present)

International Baccalaureate (IB) Diploma Programme   Toronto, Ontario

- Victoria Park C.I.   (May 2020)