

# Felix Liao

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## SUMMARY OF QUALIFICATIONS

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- 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

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### 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++** using **Git** and **UML** diagrams to help plan and organize our code

## WORK EXPERIENCE

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### 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

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### 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

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### 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)