

# KIYON FAROKHI

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Colombia St. W. and Erbsville Rd.

## TECHNICAL SKILLS

- **C++** from Fundamentals of programming
- **Java** from high school Computer Science
- **Health and Safety WHMIS** from working at the YMCA
- **Microsoft Office Applications** from everyday use
- Comfortable with **MacOS and Windows**
- **HTML/CSS/Javascript** from free time
- Currently learning **VHDL** through Digital circuit and Systems (**Quartus**)
- Currently learning **LtSpice** through Linear Circuits
- Experience with **Github** through personal projects
- **Agile Methodology** understanding

## SUMMARY OF QUALIFICATIONS

- **Time Management:** Played high level soccer throughout high school while maintaining an average over 90%.
- **Organization:** Working as a lifeguard and swim instructor; must organize lessons and write report cards.
- **Leadership and Communication:** Captained both high school and city of Waterloo soccer team's.
- **Teamwork:** Played for the soccer, football and volleyball teams throughout high school.
- **Work Well Under Pressure:** Have had to react to stressful emergency situations as a lifeguard, while staying calm and collected.
- **Problem-Solving:** Creative thinker with very good analytical skills, which have helped in the past in several math, physics and programming problems.
- **Bilingual:** Fluent in English and Farsi; Semi-Fluent in French

## AWARDS

- Honour Roll x4
- **Presidents Scholarship Award I** University of Waterloo (90+ average)
- **Resurrection CSS** Student-Athlete Award

## SELECT EXPERIENCE

### Lifeguard/ Swim Instructor

Stork Family YMCA, March 2018 to Present

- **Responsible** for the safety of patrons in the pool, must constantly stay **focused**, scan the area, and stay aware of surroundings.
- In the case of emergency, rescuing and following the needs and procedures to ensure that the emergency is resolved with **quick thinking** and **problem solving**.
- Completed approximately 60 hours of lifeguard training including CPR and First aid, National Lifeguard and Swim Instructor.

### Competitive Soccer

Waterloo United, September 2016 to September 2019

Berlin Soccer Academy, September 2019 to Present

- Great **communication** on the field, as a very **strong leader** who leads by example.
- Was able to attend practice 5 times a week and continue to maintain an average of over 90% in Grade 12 with great **time management**.
- **Captained** Waterloo United Rep A

## Projects

### Personal Website

- Currently designing a personal website to demonstrate my skills of **HTML, CSS and Javascript**.
- Link to website -> <https://kiyon21.github.io/Personal-Website/>

### Minesweeper

- Programmed the game "Minesweeper", using **C++** for first year programming course.
- 656 lines of code written.
- Link to Github -> <https://github.com/kiyon21>

### TicTacToe

- Programmed my first game "Tic Tac Toe", using **Java** for Grade 11 CS.

## ACADEMIC BACKGROUND

### University of Waterloo

Candidate for Bachelor of Applied Science  
Electrical Engineering, Class of 2025

Relevant Courses:

- Digital Circuits and Systems
- Fundamentals of Programming
- Linear Circuits
- Electricity and Magnetism