

# Darian Zhang

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## Summary of Qualifications

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- Knowledgeable in Java and DrRacket, developing proficiency in C and R through current University of Waterloo courses and HTML, CSS and Javascript through personal projects.
- Solid organizational and project management skills, gained through planning extracurricular activity meetings.
- Program design and problem-solving capabilities developed through coding a text-based adventure game in Java.
- Strong communication skills, refined through volunteer experience and extracurricular activities.

## Education

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### University of Waterloo

Ontario, Canada

Honours Mathematics

September 2020 - April 2025

- Recipient of the President's Scholarship of Distinction
- Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction.
- Major Average: 94.67%

## Relevant Projects and Extracurricular Activities

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### Text-Based Adventure Game

December 2020-present

- Learned Java through co-planning, developing and coding a text-based adventure game in Java which provides an enjoyable experience for players.
- Receives numerical inputs and operates according to the choice of the player.
- Implemented features including experience, leveling up, fighting, healing, gold and stats.

### Personal Website (<https://darianzhango.github.io/>)

January 2021

- Developed a personal website using HTML, CSS and Javascript to provide employers with more information about myself.
- Style features enhance user experience on the website, including fading backgrounds, transparent text and a navigation bar.

### Board Games Club - President

September 2019-June 2020

- Refined leadership and communication skills through interacting with members and overseeing weekly meetings.
- Excellent organization through planning weekly itineraries and coordinating with other clubs for events such as tournaments.

## Volunteer Experience

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### Summer Camp Volunteer

August 2018

City of Markham

- Supervised and led campers ages 7-13 in activities including badminton, chess and various games while maintaining a safe environment.
- Ability to follow close instruction, demonstrated by ensuring the safety of campers during activities and encouraging participation and engagement.
- Assembled, prepared, and maintained equipment and supplies necessary for planned activities.
- Interpersonal skills refined through establishment of relationships with campers and counsellors.