

# Darian Zhang

1B Honours Mathematics

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## Summary of Qualifications

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- Languages: Java & Racket, developing proficiency in C, R, HTML, CSS, & Javascript
- Program design and problem-solving skills developed through writing an interactive adventure game based in Java
- Strong communication and interpersonal skills, refined through volunteer experience and extracurricular activities
- Organizational and project management skills, from planning extracurricular meetings
- Close attention to detail, cultivated through academic and personal coding projects

## Education

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**University of Waterloo** - Candidate for Bachelor of Mathematics Sept. 2020 - Apr. 2025

- Major Average: 94.67%, Designing Functional Programs: 97%
- President's Scholarship of Distinction recipient
- Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction

## Relevant Projects/Extracurricular Activities

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**Text-Based Adventure Game** Dec. 2020 - present

- Learned Java through planning, developing, and coding a text-based adventure game
- Implemented features including experience, levelling up, fighting, healing, gold and stats
- The program receives numerical inputs and operates according to the choice of the player

**Personal Website** (<https://darianzhang0.github.io/>) Jan. 2021

- Developed a personal website using HTML, CSS and Javascript to highlight personal portfolio
- Style features enhance user experience on the website, including fading backgrounds, transparent text, and a navigation bar

**Board Games Club - President and Founder** Sept. 2019 - June 2020

- Led a Board Games Club consisting of 12 members, spent meetings teaching games rules and resolving conflicts between members
- Organized weekly itineraries and coordinated with other clubs for events such as tournaments

## Volunteer Experience

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**City of Markham** - Chess and Badminton Summer Camp Volunteer Aug. 2018

- Supervised and led 15 campers aged 7-13 in activities including badminton, chess, and various games while maintaining a safe environment
- Ensured the safety of campers during activities and encouraged participation and engagement
- Assembled, prepared, and maintained equipment and supplies necessary for activities
- Established working relationships with campers and counsellors

Interests: Playing board games, watching old movies, and reading comics