

# Darian Zhang

1B Honours Mathematics

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## Summary of Qualifications

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- Languages: Java & DrRacket, developing proficiency in C, R, HTML, CSS, & Javascript
- Organizational and project management skills, from planning extracurricular meetings
- Program design and problem-solving skills 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** - Candidate for Bachelor of Mathematics Sept. 2020 - Apr. 2025

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

## Relevant Projects and 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, leveling 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 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 and Founder** Sept. 2019 - June 2020

- Improved leadership and communication skills through interacting with members and overseeing weekly meetings
- 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
- Refined interpersonal skills through developing working relationships with campers and counsellors