Darian Zhang

2B Honours Mathematics

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Work Experience

Ontario Ministry of Transportation - Junior Technical Analyst   May - Aug. 2021
- Resolved **over 50** incidents experienced by Ministry of Transportation employees regarding the Registration and Licensing System of Ontario (RLSO) through the eSMT ticketing system
- Communicated effectively with employees relating to system issues and worked closely alongside team members to solve incidents
- Replicated RLSO issues in UAT environment, used Microsoft **Azure Application Insights** to investigate incidents, and received Azure training via Microsoft Learn

Relevant Projects/Extracurricular Activities

Indeed Web Scraper (https://github.com/darianzhang0/JobWebScraper)   Dec. 2021
- Developed and built an automated Web Scraper using **BeautifulSoup** to obtain daily job postings relating to student developer positions from Indeed.ca
- Tool algorithmically ranks jobs based user-provided keywords and utilizes a local **SQL** database to persist job information

Unity Western Arcade Game (https://davvoint.itch.io/shootout-hunter)   Aug. 2021
- Designed and coded a western arcade game using **Unity Engine** and **C#**
- Implemented a random character spawner, score, player movement tracking, and different game screens
- Attained **over 100 views** and **75 plays** according to itch.io analytics

Personal Website (https://darianzhang0.github.io/)   Jan. 2021
- Developed a personal website using **HTML**, **CSS** and **JavaScript**
- 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 of 12 members, spent meetings teaching games rules, resolving conflicts between members, and organizing events and tournaments

Education

University of Waterloo - Candidate for Bachelor of Mathematics   Sept. 2020 - Apr. 2025
- Major Average: 94%, Data Types and Structures: 98%
- President's Scholarship of Distinction recipient

Languages: Python, C, C#, Java, R, SQL, HTML, CSS, Javascript & Racket

Volunteer Experience

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