

Faith Tong

416-254-2129 | tong8969@mylaurier.ca | f-tong.github.io/faiths-website | linkedin.com/in/faith-tong | github.com/f-tong

EDUCATION

University of Waterloo <i>Bachelor of Computer Science (Double Degree)</i>	Sept. 2024 – Apr. 2029 Waterloo, ON
Wilfrid Laurier University <i>Bachelor of Business Administration (Double Degree), Co-op Program</i>	Sept. 2024 – Apr. 2029 Waterloo, ON

TECHNICAL SKILLS

Languages: Java, C, C++, Python, JavaScript, HTML, CSS
Developer Tools: Git, VS Code, Vim, Linux, GDB, Valgrind

PROJECTS

Sorcery <i>C++, Git</i>	July 2025
<ul style="list-style-type: none">Built a 2000-line C++ program using inheritance, vectors, and maps to enable reactivity to game changes, track game stats, and move cardsDesigned game architecture in UML, structuring class hierarchy and virtual methods to customize card effects and increase code reusability by 12%Tested and debugged using GDB and Valgrind, ensuring correct logic and efficient memory managementCollaborated with 2 others with Git for version control and code management, actively communicating and asking questions to construct a clear vision, individual responsibilities, and resolve conflicts	
OptimEyes - TechNova Hackathon - Top 3 Best Beginner Hack <i>HTML, CSS, JavaScript, Git</i>	Sept. 2024
<ul style="list-style-type: none">Developed a screen-timing website and Chrome extension in HTML/CSS using JavaScript event listeners and the Math library for randomizationCollaborated using Git to maintain version control between 4 team members, combining the front-end design, pop-up window, and shop functionality efficiently over 36 hours	
Brainfreeze Study Tool <i>Java, Java Swing</i>	July 2023
<ul style="list-style-type: none">Developed a study app, manipulating Java Array and HashMaps to implement flashcards, blurring, and active recall functionalityAbstracted 97% of the program using an OOP paradigm to write 6 classes inheriting from Window and Button, resulting in 15% less repeated codeImplemented string processing by taking input from forms, displaying altered text on screen, analyzing and comparing user input to provide correctness scores	

EXPERIENCE

International Curriculum Developer <i>Mukti Volunteer Village</i>	July – Aug. 2024 Mississauga, ON
<ul style="list-style-type: none">Developed 200+ English and Math lesson plans based on the Indian government's curriculum, explaining Kindergarten-Grade 10 level concepts for 100 children in India without access to educationGenerated teachable English reading content using AI tools, improving efficiency in development	
Marketing Coordinator <i>Mukti Volunteer Village</i>	July – Aug. 2023 Mississauga, ON
<ul style="list-style-type: none">Wrote engaging newsletters and spoke passionately in promotional videos to update donors on charity progressPresented at members' conferences, sharing Mukti's vision to 50 donors and motivating them to support the cause	

ACHIEVEMENTS

Winter 2025 Term Distinction - 90%+ term average from the University of Waterloo	May 2025
Fall 2024 Term Distinction - 90%+ term average from the University of Waterloo	Jan. 2025
Top 3 Best Beginner Hack - For OptimEyes at TechNova Hackathon	Sept. 2024
President's Gold Scholarship - \$4000 from Wilfrid Laurier University for a 95%+ admissions average	Sept. 2024