

Claire Shen

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EDUCATION

University of Waterloo, Bachelor of Computer Science 09/2021 – 08/2026
Wilfrid Laurier University, Bachelor of Business Administration, Finance Concentration 09/2021 – 08/2026

SKILLS

Programming Languages

Java, Python, C, C++, R, JavaScript, TypeScript

Tools, Frameworks, and Libraries

React, Angular, Spring Boot, Maven, Postman, HTML, CSS, Thymeleaf, Mockito, Node, MySQL, Figma, Github, VSCode, JQuery, Storybook, Bootstrap, SonarQube, Bitbucket, Veracode, JaCoCo

EXPERIENCE


IT Architect Intern, Fidelity Investments 01/2025 – present
• Incoming co-op term from January-April 2025 Toronto, Canada


Backend Software Engineer Intern, Toronto Dominion Bank (TD) 01/2024 – 05/2024
• Initiated a developer-facing Python application that automated the gathering of **code quality metrics** from SonarQube for **80+ APIs**
• Achieved **90%+** code coverage on JaCoCo report with **JUnit4** test cases
• Saved **\$3,500/month** by identifying and decommissioning unused test environments, as well as aligning all environments with the latest production deployment
• Built a Postman collection to test data transfer to underwriters, ensuring the **HTTP endpoints** for the Spring Boot mortgage renewal REST API were accurate
• Identified and mitigated open redirect vulnerabilities by updating dependencies Toronto, Canada


Frontend Software Engineer Intern, Toronto Dominion Bank (TD) 01/2023 – 04/2023
• Implemented pop-up features using Angular for the Easy Apply credit card web application, used by **1000+** applicants daily
• Created an age verification checkpoint based on province to streamline the credit card **eligibility process**, increasing retention by **15%**
• Developed a collection of reusable components such as buttons and titles with **Storybook** to enhance the application's modularity and reusability Toronto, Canada

Business 111 Instructional Assistant, Lazaridis School of Business & Economics 09/2024 – present
• Designed and lead 2 weekly labs of **30+** students, with additional one-on-one sessions Waterloo, Canada
• Assessed student performance through grading assignments and exams, providing constructive feedback to support academic improvement
• Collaborated with professors to align lab activities with course objectives

PROJECTS

Pizza Macro Calculator, Javascript, HTML/CSS, Bootstrap 
• A website that takes away the manual work of searching a pdf, to calculate the nutritional info for custom pizzas
• Used by **50+** UWaterloo students monthly to reduce the time spent calculating from **10 minutes to 1 minute**

Strength Club Website, React, Tailwind CSS, TypeScript, Yarn 
• A React web application designed to highlight the achievements and initiatives of the UWaterloo Strength Club

Cat Finder, Javascript, TensorFlow, HTML/CSS, Bootstrap 
• A machine learning application that identifies cat breeds from images and features a gallery of cat memes

LEADERSHIP

Laurier Case Team, Academic Delegate 07/2023 – 05/2024
• Placed 2nd at **JDCC, a nation-wide case competition** in the **marketing** track Waterloo, Canada
• Helping first years develop their case analysis skills through workshops and critiques

UW Strength Club, Webmaster, Previous President 05/2023 – Present
• Oversaw club **finances**, prepared **grant proposals**, and handled administrative processes for a club with **300+ members** Waterloo, Canada
• Regularly maintained and updated the club website