

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, Go

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, Docker, Kubernetes, LeanIX

EXPERIENCE

Solutions Architect Intern, Fidelity Investments 01/2025 – present
Toronto, Canada

- Migrated **200 applications** from ServiceNow to LeanIX to optimize data visualization and improving enterprise portfolio management
- Used Java to implement features for an internal application that manages **300 ETF/mutual funds**, to enable a streamlined pdf generation process

Backend Software Engineer Intern, Toronto Dominion Bank (TD) 01/2024 – 05/2024
Toronto, Canada

- 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


Frontend Software Engineer Intern, Toronto Dominion Bank (TD) 01/2023 – 04/2023
Toronto, Canada

- 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


Business 111 Instructional Assistant, Lazaridis School of Business & Economics 09/2024 – present
Waterloo, Canada

- Designed and lead 2 weekly labs of **30+** students, with additional one-on-one sessions
- Assessed student performance through grading assignments and exams, providing constructive feedback to support academic improvement


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
Waterloo, Canada

- Placed 2nd at **JDCC, a nation-wide case competition** in the **marketing** track
- Helping first years develop their case analysis skills through workshops and critiques

UW Strength Club, Webmaster, Previous President 05/2023 – Present
Waterloo, Canada

- Oversaw club **finances**, prepared **grant proposals**, and handled administrative processes for a club with **300+ members**