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

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   Toronto, Canada
  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

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   Toronto, Canada
  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
- 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   Waterloo, Canada
  processes for a club with **300+ members**
- Regularly maintained and updated the club website