

CHUN (DAISY) YE

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EDUCATION

University of Waterloo & Wilfrid Laurier University

(Sep 2020-Aug 2025)

Bachelor of Computer Science & Bachelor of Business Administration

GPA: 89.52%

Relevant Courses: Object-Oriented Software Development; Data Structures and Data Management; Logic and Computation; Algorithm Design; Computer Organization and Design; Combinatorics & Optimization.

WORK EXPERIENCE

Software Engineering Intern | Ford Motor Company

(Jan 2023-Present)

- Embrace Agile-eXtreme Programming principles to deliver innovative software products for Ford Pro Tech.

Business Analyst | BMO Financial Group

(Jan 2022-Apr 2022)

- Improved the performance of BMO Client Portal by testing persisting bugs and writing test cases in System Integration Testing, User Acceptance Testing, and **Regression Testing** cycles.
- Facilitated communication and collaboration between business and development teams by raising, examining, and **optimizing JIRA tickets**.
- Resolved over **50** system defects and French translation errors for March and May 2022 releases.

Consultant | Laurier Consulting Group

(Sep 2021-Dec 2021)

- Consulted with stakeholders to analyze companies' demographics and **market development** plans.
- Designed and implemented strategies for an **AI** start-up to target small to medium **e-commerce** businesses.
- Enhanced understanding in **natural language processing (NLP)** and website content generation.

PROJECT EXPERIENCE (See GitHub for project details)

Online Shop App

(Jul 2022-Aug 2022)

- Developed the web application using **Node.js** and the **MVC framework** to structure the program.
- Applied the **Mongoose Library** connected to **MongoDB** to track user, product, and order information.
- Utilized the **EJS Templating Engine** for **JavaScript** to render **HTML** pages dynamically on the server.
- Implemented user authentication using **REST APIs**, sessions & cookies, and file handlings using **Multer**.
- Enhanced knowledge in **backend (server-side) development** and **database management**.

Game of ChamberCrawler3000+

(Jun 2022-Jul 2022)

- Developed the role-player game using **C++** and the **object-oriented programming (OOP)** principles.
- Optimized testing and debugging efficiencies by implementing both regular player and developer modes.
- Utilized the **observer/decorator design patterns** and designed a **UML** that reflects the program structure.
- Collaborated in a software team by using **GitHub for version control** and issue tracking.

UCharity Website

(Aug 2021-Sep 2021)

- Utilized **HTML, CSS, and JavaScript** to implement the general layouts and stylings of the website.
- Applied the **Bootstrap framework** to develop the responsive components of the web pages.
- Enhanced knowledge in **web/frontend development** and **user interface prototyping/design**.

RELEVANT SKILLS

Markup & Programming Languages: Bash, C, C++, Python, Java, HTML/CSS, JavaScript/TypeScript, Scheme.

Database & Data Analytics: MongoDB, SQL, Transact-SQL, MySQL, NoSQL, Tableau, R.

Tools & Frameworks & Libraries: Node.js, Express.js, REST APIs, Mongoose, Sequelize, Bootstrap, Linux.

Version Control & Issue Tracking: Git, GitHub, GitLab, JIRA.

Languages (Verbal & Written): Mandarin & English (Proficient), French & Spanish (Familiar).