

JULIA CHEN

Computing and Financial Management Student

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SKILLS

Languages:

Java, C, SQL, HTML, CSS, JavaScript

Frameworks/Libraries:

Spring, React, JQuery, Bootstrap, Express

Tools:

Docker, Git, Github, Maven, MySQL, MongoDB, Azure Devops, Postman, Microsoft Power Platform

EDUCATION

University of Waterloo

Bachelor of Computing and Financial Management

2020 - 2025

97.5% Cumulative Average

AWARDS/DISTINCTIONS

CFM 1A Case Competition:

2nd place - Portal Proposal

CFM Entrance Scholarship:

Awarded out of 60 people

CFM Outstanding Academic Achievement Award:

Awarded to select students for academic success

CERTIFICATIONS

Google Digital Garage: The Fundamentals of Digital Marketing

EXPERIENCE

Toyota Canada Inc.

May 2021 - Aug 2021

Software Applications Developer

- Implemented enrollment features for vehicle registration used by **286** dealerships with **Java Spring**, **MSSQL**, and **Maven** in an **Agile SDLC** environment
- Led a proof of concept to containerize web applications with **Docker** and to migrate them from IBM Websphere Liberty to **Apache Tomcat**, facilitating a migration of legacy applications from on-premises servers to **AWS**
- Trained a drone to use object detection to autonomously read labels/barcodes in the Toyota warehouse using **Python**, **TensorFlow**, and **OpenCV**

Kumon Math & Reading Centre

Sep 2019 - Sep 2020

Assistant Instructor

- Tutored and fostered interest for Math and English for **30+ students**
- Organized the homework system through marking, inputting, and filing data
- Communicated student progress and evaluation results with guardians

Forces of Nature Eco Club

Sep 2018 - Jun 2020

President

- Planned and coordinated meetings, event ideas, and initiatives with a team of 8
- Corresponded with administration and EcoSchools to secure club resources
- Curated a detailed progress portfolio to achieve an EcoSchools certification

PROJECTS

Taskeeper

Aug 2021

- Built a web app for personal task management with an interactive calendar UI
- Created a **REST API** with CRUD operations using **Node**, **Express**, and **MongoDB**
- Designed front-end with **React** using **Passport.js** for user authentication

Watchr

Aug 2021

- Created a desktop app that schedules screen recordings for live events
- Implemented front-end with **React** and **Electron** to allow recording files to be saved in a local directory

RNJogger

Aug 2020

- Android mobile app that generates a random route based on inputted distance
- Mapped and designed user interface including social system and a leaderboard
- Developed with **React Native** using Android Studio AVDs and NativeBase library

Africaid

Aug 2020

- Created a Google Chrome extension/website pair that displays 32 randomized advertisement images on the new tab page
- Built with **HTML**, **CSS**, **JavaScript**, **Bootstrap**, and **JQuery**
- Stored and retrieved image links with **Google Firebase** (Cloud Firestore)