

JULIA CHEN

Computing and Financial Management Student

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SKILLS

Languages:

Java, C, SQL, JQuery,
HTML, CSS, JavaScript

Frameworks/Libraries:

Spring, React, Bootstrap,
Express

Tools:

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

EDUCATION

University of Waterloo

Bachelor of Computing and
Financial Management
2020 - 2025
98.8% 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

PROJECTS

Taskkeeper

Aug 2021

- Web app for personal task management with an interactive calendar UI
- Built a **REST API** with CRUD operations using **Node, Express, and MongoDB**

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, JSON, and JQuery**
- Stored and retrieved image links with **Google Firebase** (Cloud Firestore)

EXPERIENCE

Toyota Canada Inc.

May 2021 - Aug 2021

Software Applications Developer

- Implemented features/microservices for vehicle registration used by **280+** dealerships with **Java Spring, MSSQL, and Maven** in an **Agile SDLC** environment
- Containerized web applications with **Docker** and migrated them from **IBM Websphere Liberty** application server to **Apache Tomcat** server, facilitating a transition from on-premises to cloud-native technology
- Trained a deep learning model with **Python, TensorFlow, and Jupyter Notebook** to enable a drone to detect labels and barcodes in the Toyota warehouse

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

NeuroBRITE Program - Rotman Research Institute

Apr 2019 - May 2019

Researcher

- Conducted a study on the brain with Muse EEG headsets to observe the P300 response to expected and unexpected stimuli with respect to aging
- Collected and processed data from 20+ participants with **Python**
- Presented to 30+ experts; won the **"Best Presentation"** award out of 12 teams