



Jacky Wang

3rd Year Computer Engineering

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 /jiayi-jacky-wang

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Skills

Front-End	React, HTML5, CSS/SCSS, ES6, Typescript, Angular, jQuery
Back-End	Java/Kotlin, C/C++, Node.js, Express, MySQL, Ruby, Python
Tools	Git, Docker, JUnit, Cypress, Jenkins, Selenium, Webpack, Docker, Figma

Experience

PointClickCare

Remote

SOFTWARE ENGINEER — CONTENT MANAGEMENT (NURSING)

Sept. 2020 - Dec. 2020

- Implemented assessment verification in **Kotlin**, aggregating assessment values and checking against **SQL Server** data entries.
- Introduced override detection service through **React useEffect** to monitor input conflicts, improving average assessment validity by 25%.

IBM Canada

Toronto, ON, Canada

FRONTEND DEVELOPER — COGNOS ANALYTICS

Jan. 2020 — Apr. 2020

- Overhauled HTTP request service to leverage use of async/await, **Typescript**, and **Fetch**, cleaning promise chains and removing dependency on **jQuery**.
- Created accessibility mode detection — implemented stateful components to react accordingly; reducing accessibility defects by **30%**.

Escrypt, Bosch GmbH

Waterloo, ON, Canada

SOFTWARE DEVELOPER — CREDENTIAL MANAGEMENT

May. 2019 - Aug. 2019

- Designed client side request functionality, routing calls to backend services with **Express** and handling response payloads.

Home Depot Canada

Toronto, ON, Canada

DEVOPS DEVELOPER — STORE SOLUTIONS

May. 2018 - Nov. 2018

- Pair-programmed **Python** scripts to comb information of over 40,000 in-store products, improving querying time by **50%**.

Projects

Personal Website -

REACT, NODE.JS, BOOTSTRAP, SCSS, EXPRESS, FIGMA

- Personal portfolio for an in-depth recount of my internship experiences.

Education

University of Waterloo

Waterloo, ON, Canada

BACHELOR OF APPLIED SCIENCE, COMPUTER ENGINEERING.

Expected Graduation 2023

- Courses: ECE108 Discrete Logic, ECE150 Fundamentals of Programming, ECE250 Algorithms & Data Structures, ECE 208 Discrete Logic II, ECE 252 Systems Programming and Concurrency