

JACQUELINE LI

Bridging passion with code, let's turn ideas into realities.

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EXPERIENCE

Software Developer

Xero - Hubdoc

January 2020 – April 2020

- Built, maintained, and debugged 800+ microservices to fetch and scrape financial documents from banks and vendors with **over 10,000+ users using NodeJS**; achieved 2-year high with increased overall success rate by **68%**
- Improved internal API by implementing new endpoints, **SQL** queries, and **PostgreSQL migrations** which **reduced schema costs by 7%**; complete with Chai and Mocha **unit and integration testing**
- Initiated and developed **bash scripts** to automate the legacy retrieval process of encrypted credentials which **improved team working velocity** on such tickets

Web Developer

Ontario Institute of Cancer Research

May 2019 – August 2019

- Developed **6 responsive Jekyll websites** to present cancer research to the public using **HTML, Sass, Liquid, and Bootstrap**
- Created new internal tools using **React.JS** which **reduced data entry times by an average 220%** based on sprint review metrics
- Built an internal Jira ticketing tool using **Java, MongoDB, and Jira's REST API**, saving over **\$30000/year in labour costs**
- Conducted **project scoping** with project managers to discuss baseline goals, design features, and plan future sprints

Project Coordinator/ Big CS-ter Director

Women in Computer Science Committee

January 2019 – December 2019

- Organized university-wide events with sponsors to **increase student engagement** while **reducing project costs by 20%**
- Launched a project mentorship program to help students start their side-projects and gain more programming experience

PROJECTS

Food Pact

JavaScript, Express, Node.js, MongoDB, Google Cloud API

- Built a webapp that scrapes information from uploaded pictures of receipts and suggests more eco-friendly alternatives

Fact Check

Python, Node.js, Microsoft Azure API, Youtube API

- Developed a webapp that fetches related articles to a youtube video based on speech and subtitles

EDUCATION

Bachelors of Honours Computer Science

University of Waterloo

2018 - 2023

- President's Scholarship of Distinction

Web Developer Bootcamp

Udemy

- Working with REST APIs, Databases, and Server frameworks

Machine Learning

Stanford | Coursera

- Logistic regression, Artificial neural networks, ML algorithms

SKILLS

Languages: Javascript, C, Python, Swift, HTML, CSS, Scheme

Technologies: React.JS, SQL, Node.JS, Express.JS, Bash, REST APIs, jQuery

AWARDS

LionBud - 3rd overall

RBC Hackathon

- Created financial literacy app in React.JS that syncs user cashflow from RBC'S REST API with the gamification of a lion avatar

Ontario Junior Citizen

Newspaper article publication

- Organized a region-wide fundraiser that donated over \$25000 to children in poverty

INTERESTS

Product Design

UI/UX

Visual Arts