

Yang Ji

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 <https://yangj8899.github.io/>

SKILLS

Technologies:

Pygame | JQuery | React | Node.js | AWS Amplify | GraphQL

Languages:

Python | Javascript | SQL | Racket | CSS | HTML | PHP

Used for Projects:

Express | Socket.io | Heroku | Git | Microsoft Tools

EXPERIENCE

05/2021 – 08/2021
Toronto, Canada

Full Stack Developer

MarketBox Inc.

- Implemented a working audit system to keep track of interactions on the site, improving security and reducing confusion with what's happening in the system
- Improved load time of audit logs by 80% using **AWS Amplify** and **GraphQL** databases.
- Created a CSV generating feature that reads data of 400+ clients, reducing the manual labor of admins searching for the data
- Enhanced frontend UX design making the website more visually appealing and easier to navigate

07/2019
Oakville, Canada

Robotics Camp Leader

City of Oakville Summer Camps

- Volunteered as a leader for a robotics camp during the summer
- Assisted campers with the troubleshooting of their robots programs/builds
- Developed educational activities for campers to test their newly built robots
- Planned, organized and lead camp activities as well as communicated with other leaders to improve enjoyability

PROJECTS

12/2020 – present

Personal Website

Full Stack Developer

- Developed a personal portfolio website using **HTML**, **CSS** and **Javascript**
- Formatted webpage whilst keeping responsiveness and mobile compatibility using **CSS Media Queries**
- Successfully designed and implemented typing and scrolling animations using **Javascript**
- Hosted personal portfolio website through **Github** pages

12/2020 – 01/2021

QuickChat Application

Full Stack Developer

- Designed a working real time chat room application using **Express**, **React**, **Node.js** and **Socket.io**
- Successfully implemented emoji's in message sending as well as scroll-to-bottom functionality
- Hosted web server using **Heroku**, **Netlify** and **Git**

06/2020

ShoppingQ - Def Hacks Hackathon

Back End Developer

- Mainly for the COVID-19 pandemic, developed a user friendly web application that keeps track of **how many customers are waiting in line** to enter a store or a super market
- Implemented a working database with **SQL** and **PHP** to store employers account information. Such as store names, store locations, usernames and **hashed** passwords
- Successfully implemented a security system using **PHP** that allows for **account creation, and password reset** for store owners to safely enter data regarding their stores. i.e. number of people in line, average wait time, etc.
- Created a front end web page using **JQuery**, **Javascript** and **CSS** that looks aesthetically pleasing for users

EDUCATION

09/2020 – 04/2025

Candidate for Bachelors of Computer Science

University of Waterloo

- Recipient of the Presidents Entrance Scholarship (achieving 90+ in highschool)
- Major GPA: 4.0 (95%), Cumulative GPA: 4.0 (94.8%)
- Relevant Courses: CS 135 || Functional Programming, Graphs, Binary Trees and Binary Search Trees, Recursion