Johnson Zhang

New Grad Software Developer

Expected Graduation Date – April 2022

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EXPERIENCE

Teaching Assistant, Queen's University

Jan. 2022 – *Present*, Kingston ON

- Utilizing my strong understanding of database management systems, help students grasp DBMS concepts
- Guide students through new learning material and aid with understanding assignments done in PHP, MySQL, JavaScript, and HTML/CSS

Web Developer, Cotton Candy Inc.

May 2021 – Aug. 2021, Mississauga ON

- Developed a customization tool that allows customers to design and purchase products which resulted in fewer clicks for the customer and an overall greater user experience
- Altered the default Shopify Liquid cart template to adapt to the customization tool built by myself
- Collaborated in a small team in a fast-paced environment to implement core features to the website using GitLab as a codebase
- Participated in numerous merge requests and code reviews
- Technologies used: JavaScript, ClojureScript, HTML, CSS, Shopify Liquid and more

Backend Developer, Beta Labs

Oct. 2019 – Aug. 2020, Kingston ON

- Implemented a RESTful API for an e-commerce website
- Technologies used: ExpressJS, NodeJS and MongoDB

PROJECTS

Airline Web Application

- Implemented an airline database using SQL
- Built a fully functioning web-based interface for an airline system based on that database
- Used: HTML/CSS, JavaScript, PHP, and SQL

Visual Status Display

- Built a web application hosted on localhost to display a user's status on their door display
- Used: HTML/CSS, JavaScript, NodeJS, Typescript, and Express

SKILLS

HTML5/CSS
3 years

JavaScript (NodeJS ReactJS)
2 years

ClojureScript
<1 year

Python
5 years

Java
5 years

SQL (MySQL, NoSQL)
2 years

Git (GitHub, GitLab)
3 years

EDUCATION

**Queen's University
Bachelor of Computing (Hons.)
Specialized in Software Design**
September 2018 – Present
Kingston, ON

RELEVANT COURSES

Data Structures & Algorithms

Database Management Systems

Software Architecture

Software Quality Assurance

Human-Computer Interaction