Johnson Zhang

416-315-8679 | johnson7267@gmail.com | linkedin.com/in/johnsonzhang2 | github.com/johnsonzhang434

EDUCATION

Queen's University   Kingston, ON
Bachelor of Computing (Honours), Specialization in Software Design   *Sept. 2018 - Apr. 2022*

TECHNICAL SKILLS

Languages: Java, Python, SQL (MySQL, NoSQL), JavaScript, ClojureScript, HTML/CSS
Frameworks: Vue, Node.js, React, Flask
Developer Tools: Git, Docker, Firebase, VS Code, Eclipse
Concepts: Data Structures, Algorithms, Database Management Systems, OOP, Performance Analysis

EXPERIENCE

Undergraduate Teaching Assistant   Jan. 2022 – Apr. 2022
Queen's University   *Kingston, ON*
- Guide 30 students through new learning material and aid with understanding assignments done in PHP, MySQL, JavaScript, HTML and CSS
- Provide feedback and foster an environment of open communication and curiosity

Software Engineer   Dec. 2021 – Jan.2022
Cotton Candy Inc.   *Mississauga, ON*
- Resolved issues and refactored 100+ lines of code which resulted in a more efficient and polished system using
- Tech Stack: JavaScript, Clojurescript, HTML and CSS

Frontend Engineer   May 2021 – Aug. 2021
Cotton Candy Inc.   *Kingston, ON*
- Developed a customization tool that allows users to easily design and purchase products
- Collaborated in a small team in a fast-paced environment to implement core features to the website
- Participated in numerous merge requests and code reviews
- Tech Stack: Clojurescript, JavaScript, Shopify Liquid, HTML and CSS

PROJECTS

TA Management System | *Vue, TypeScript, MySQL, Docker*   Sept. 2021 - Apr. 2022
- Redesigned, implemented, and deployed a teaching assistant management system for the Queen's Physics Department to allow the department administrator to easily assign and manage graduate teaching assistants
- Queen's SSO implemented for secure user authorization
- Implemented a MySQL Database and over 15 REST API endpoints, secure from SQL Injections
- Performed unit testing on the various REST API endpoints
- Gathered and documented user requirements by conducting requirement elicitation techniques
- Strengthened leadership and organization skills by being the team lead

Animal Crossing Field-Guide (QHacks) | *VueJS, Firebase, Tailwind and SaaS*   Jan. 2022
- Utilizing the public Animal Crossing API, built a full-stack web application to keep track of what animals users have caught
- Led to a better understanding on how to use Vue and Google 's Firebase

Flight Information Dashboard | *MySQL, PHP, HTML and CSS*   Apr. 2021
- Designed a relational database and web application to allow users to query, delete, add, and update flight information for airports in Canada
- Led to a better understanding of relational databases and the best practices in data management