

Johnson Zhang

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EDUCATION

Queen's University

Bachelor of Computing (Honours), Specialization in Software Design

Kingston, ON

Sept. 2018 - Apr. 2022

TECHNICAL SKILLS

Languages: Java, Python, SQL (MySQL, NoSQL), JavaScript, ClojureScript, HTML/CSS

Developer Tools & Frameworks: REST API, NodeJS, LINUX, VueJS, ReactJS, Git, Docker, Firebase, MongoDB

Concepts: Data Structures, Algorithms, Database Management Systems, OOP, Performance Analysis

EXPERIENCE

Cotton Candy Inc.

Software Engineer

Mississauga, ON

May. 2022 - Aug. 2022

- Implement core features to the website
- Attend daily stand ups and be responsible for communicating all issues, status and progress to scrum master
- Tech Stack: JavaScript, ClojureScript, HTML and CSS

Software Engineer

Dec. 2021 - Jan. 2022

- Resolved issues and refactored 100+ lines of code which resulted in a more efficient and polished system
- Worked closely with the design team to identify areas of the website that could be improved
- Tech Stack: JavaScript, ClojureScript, HTML and CSS

Frontend Engineer

May 2021 - Aug. 2021

- Developed a customization tool that allows users to easily design and purchase products
- Participated in numerous code reviews that enhanced productivity by 20%
- Tech Stack: ClojureScript, JavaScript, Shopify Liquid, HTML and CSS

Queen's University

Undergraduate Teaching Assistant

Kingston, ON

Jan. 2022 - Apr. 2022

- Guide 30 students through new learning material and aid with the understanding of assignments done in PHP, MySQL, JavaScript, HTML and CSS
- Evaluated and provided feedback on 80+ course assessments

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
- Implemented a MySQL Database and over 15 REST API endpoints, secure from SQL Injections
- Lead a team of 3 developers and presented the final product to the stakeholders

Animal Crossing Field-Guide (QHacks '22) | VueJS, Firebase, Tailwind and SaaS

Jan. 2022

- Utilized the Animal Crossing API to pull 80+ items
- Built a full-stack web application in under 36 hours to keep track of what animals users have caught, and presented the final product to a panel of judges
- 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