

# Johnson Su

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## EDUCATION

### University of Toronto

Sept 2019 - Expected April 2023

HBSc, Computer Science, Specialist in Software Engineering Co-op | GPA 3.38

## TECHNICAL SKILLS

**Languages:** Python, C, Java, Javascript, HTML, CSS, SQL

**Tools & Frameworks:** Kubernetes, Docker, Ansible, Helm, GitLab, Figma, React.js, Node.js, Bootstrap, Git, Jira

## WORK EXPERIENCE

### Project Management Intern | Interactive Media Lab - Toronto, ON

May 2021 - Present

- Managing multiple software and hardware aimed to combat the functional decline in aging populations projects at a University of Toronto Human Factor Lab

### Software Engineering Intern | Index Exchange - Toronto, ON

Jan 2021 - Apr 2021

- Lead development of Gitlab automation pipelines for managing and updating ansible deployments, git branches, and docker images standardizing many development processes for over 200+ engineers
- Implemented a centralized deployment UI improving, human readability, IT automation, scaling, auditing, and visualization using Kubernetes, Docker, Ansible, and Helm for over 7000+ servers
- Lead daily discussions removing blockers, assessing project direction, and aligning team members leading to the completion of multiple core features ahead of projected timelines

### Web Development Intern | MediPaint - Calgary, AB

Aug 2020 - Jan 2021

- Spearheaded proposals and the redesign of the company website, getting approval from multiple stakeholders and led online presence discussions
- Utilized Elementor to implement the website redesign improving user navigation, information architecture, and dramatically reducing the bounce rate

## NOTEWORTHY PROJECTS

### NLP Javascript Discord Bot Generator | RU Hacks 2021 (650+ participants) - Placed Top 5 Overall

- Utilized Google NLP to translate user requests into command modules in a Firebase DB for the bot to compile
- Drove team communications and pushed for polish through debugging and testing for a refined final product

### Sustainable Proof of Stake Blockchain | HooHacks 2021 (800+ participants) - Best Use of Google Cloud

- Designed and coded an iOS wallet UI using Flutter and assisted with implementing the Typescript Blockchain
- Implemented Google OCR with its REST API to scan bills to verify if the user is minting coins with clean energy

## LEADERSHIP ACTIVITIES

### Director of External Affairs | AMACSS

Oct 2019 - Apr 2020

- Lead and aligned with external organizations and individuals leading to better funding and support for several university club events throughout the year for over 300 students

### Student Mentor | Calgary Board of Education

Jan 2019 - April 2019

- Worked with school administration to develop a 4-month program to garner interest in STEM for elementary students which taught key skills such as public speaking, creative writing, and critical thinking