

Johnson Su

sujohnson.com | (587) 889-9728 | johnson.su@mail.utoronto.ca | [in johnson-su](https://www.linkedin.com/in/johnson-su) | [GitHub Johnson-Su](https://github.com/Johnson-Su)

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 250+ engineers
- Implemented a centralized Ansible deployment UI improving human readability, IT automation, scaling, auditing, and visualization using Kubernetes, Ansible, Docker, and Helm for over 7000+ servers
- Lead daily discussions in an agile DevOps team 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