

# Johnson Su

## Computer Science

www.sujohnson.com  
linkedin.com/in/johnson-su  
github.com/Johnson-Su

johnsonn.su@mail.utoronto.ca  
(587)-889-9728  
Toronto, ON

## Education

### University of Toronto

Expected: Apr 2023 | UTSC

Hons BSc Computer Science  
cGPA: 3.48

#### Relevant coursework:

Data structures, algorithms,  
efficiency, abstraction,  
recursion, and software design

## Skills

### Languages

C, Python, Java, HTML, CSS, and  
Javascript

### Tools

Git, Ubuntu, Node.js, Brain.js,  
Tensorflow, Google Firebase,  
Spotify API, Raspberry Pi, and  
Jetson Nano

### Design

Product Design, Adobe  
Illustrator, Photoshop, Figma,  
and Bootstrap

## Awards & Achievements

MLH Best Use of Google Cloud

RU Hacks 2nd Overall

Hack the Northeast  
Top 10 in machine learning  
Top 10 viable startup ideas

Wolfram Alpha Award

## Experience

### Farmbot - Freelance

Machine Learning Development | Jul 2019 - Present

- Integrating object recognition into the FarmBot with Tensorflow, Pytorch on a Jetson Nano by using DetectNet for more automation
- Constructed high level system diagrams assisting Farmbot's education initiative and improving open source documentation
- Self initiated audits of the web app and proposed changes to improve site usability and bug fixes

### MediPaint - Intern

Web Design and Development | Aug 2020 - Present

- Driving proposals and the redesign of the company website, getting approval from stakeholders and led online presence discussions
- Utilizing Elementor to create the website redesign improving user navigation, information architecture, and reducing bounce rates

## Projects

### Vibe Check - Machine Learning

Data Powered Playlist Filter | 2020 Hackathon

- Created and trained a neural network with Brain.js that can accurately recognize playlists for up to 8 music genres
- Conceptualized, designed, and implemented the complete site in under 2 days with Figma, HTML, CSS, and Javascript resulting in the final product winning recognition from hackathon judges

### Steg Hide - Data Structures and Computer Memory

C Program for Hiding Text in Images | 2020 Personal

- Conceptualized and coded a program for concealing ebook text in images to help areas of the world which censors knowledge
- Implemented solutions to advanced technical challenges resulting in over 100 users and viewers within 3 days of being released

### Planty - Product Design and Databases

Environmental Chrome Extension | 2020 Hackathon

- Implemented the backend by integrating a Google Firebase Database and interpreting the web scraper data with Javascript
- Led, strategized, and drove communications with the team under tight timelines and pushed for polish through debugging and testing, developing a holistic product experience