# JASPER MAI

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## EDUCATION

**University of Toronto - BSc (Hons); Computer Science** · Sept. 2019 to Current
Honours Bachelor of Science; 3.92 GPA

## SKILLS

**PROGRAMMING LANGUAGES:** Java, Python, C++, C, HTML/CSS, MIPS Assembly
**COURSEWORK:** Object-oriented Programming, Data Structures, Design Patterns, Version Control, Build Management, Algorithm Analysis
**OTHERS:** Adobe Premiere Pro, Posters & Infographics Design, Proficiency in Spreadsheets, Public Speaking

## EXPERIENCES

**Software Developer Intern** — May 2021 to Aug. 2021
**Dell Technologies** — Ottawa, ON (Remote)
- Interned on the DU team of Dell Technologies' cutting-edge 5G technology systems, learning about telecom standards such as 3GPP and ORAN
- Actively worked with object-oriented programming (C++) in documenting, supporting, and capturing design and test results
- Provided necessary software support to other teams in hardware development and integration

**Multimedia Designer** — July 2020 to Oct. 2020
**Help My Neighbour Society Non-Profit Organization** — Surrey, BC (Remote)
- Designed promotional posters for the Non-Profit's fundraisers and programs to display on social media pages and community boards
- Maintained and redesigned the Non-Profit's social media and event pages
- Created functioning Adobe forms using Adobe Acrobat DC with enhanced usability of fillable forms and online signatures

**Chief of Staff** — June 2018 to Apr. 2019
**Canadian High School Model United Nations** — Sheraton Vancouver Wall Centre, BC
- Worked extensively alongside 9 team members to organize a 3-day long Model United Nations conference with over 900 attendees from around the world
- Hired and trained a team of 50 staff members over the course of a year in leadership, public speaking, and management
- Tended to various tech problems prior to and during the conference

## PROJECTS

**Sketchy: Chrome Extension** · https://devpost.com/software/sketchy-0azxnb — Jan. 2021 to Jan. 2021
A freehand sketchpad Chrome Extension that allows users to draw, erase, and export their canvas with several stylistic modes. I personally set up the actual Chrome Extension, designed the visual aspects with HTML and CSS, and implemented Dark Mode features with JavaScript.

**Conference Management System: Java Management & UI Project** · https://github.com/jaspermai/Conference-Management-System — Sept. 2020 to Current
A virtual event management system designed to organize a major-scale event (ie. Tech Conference, VidCon, etc.) coded with Java. Allows for organizers, speakers, and attendees to register and schedule events in various rooms, send messages, and save information.

**Personal Portfolio Website (in progress)** · https://jaspermai.github.io/ — June 2020 to Current
A personal website created through self-learning HTML & CSS that displays current hobbies and past experiences; allows for a more personal understanding.

**Hash-Tagged: StarterHacks Coding Project** · https://devpost.com/software/hash-tagged — Jan. 2020 to Jan. 2020
A social media analysis project designed to analyze keywords from Twitter posts and identify social trends of users' reactions to controversial topics. The program was coded with Python and exported to easily-digestible graphs through R for real data analysts to use.

## HOBBIES & INTERESTS

**POSTERS & INFOGRAPHICS** · *https://vsco.co/jaspermai25/gallery* — Sept. 2019 to Current
A collection of promotional material designed for fundraiser events, university social events, and more.

**YOUTUBE CHANNEL (Video editing w/ Adobe Premiere Pro)** · *https://www.youtube.com/channel/UCM2ggulzKatmn_48KK78gKA* — May 2020 to Current
A collection of video passion projects that I have filmed and edited with Adobe Premiere Pro. Videos range from cinematic b-rolls to lifestyle vlogs.

## VOLUNTEERING

**Engineers Without Borders: University of Toronto Chapter** — Sept. 2019 to Current
Food Rescue Team Co-Leader — Toronto, ON
- Coordinating with university food services organizations to establish a food rescue program at the University of Toronto
- Conducting research on food waste and aiming to minimize waste in dining halls, school cafes, and events