




# Jasper Mai

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 [posters](#) |  [youtube channel](#)

## EDUCATION

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### University of Toronto

*Honors Bachelor of Science*

Sep. 2019 – Current

Toronto, ON

- **Coursework:** Data Structures, Algorithms, OOP, Computer Systems, Version Control
- **Cumulative GPA:** 3.92 / 4.00 [Dean's List Scholar]

## SKILLS

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**Languages :** Java, Python, C++, C, TypeScript (React.js), HTML/CSS, MIPS Assembly

**Tools :** Jira, GitHub, Figma, Notion, Adobe Premiere Pro, Adobe Photoshop, Public Speaking

## EXPERIENCE

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### HomeX

Sep. 2021 – Present

*Software Engineering Intern - Consumer Applications Team*

Toronto, ON

- Supported the Content Management System (CMS) team through building new page components and making design decisions of the official website using Typescript and React
- Took leadership in developing a company Material-UI theme that will be expanded across the entire company across various teams (ie. CMS, Field Guide, Remote Assist)
- **Tech Stack:** TypeScript/React/Zsh/Github/Zenhub

### Dell Technologies

May. 2021 – Aug. 2021

*Software Developer Intern - 5G R&D Team*

Ottawa, ON

- Took initiative as the lead for Distributed Unit (DU) Component Tester systems within the Dell 5G DU Team, answering questions and troubleshooting issues brought up by employees
- Consistently worked with object-oriented programming (C++) in documenting, testing, and debugging 5G source code design to produce informative call stacks
- Created technical documents using web-based wiki Confluence pages for internal use by other developers
- **Tech Stack:** C++/Python/Bash/Jira/Github/Confluence

## PROJECTS

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### Sketchy [Chrome Extension] - <https://devpost.com/software/sketchy-0azxnb>

- A freehand sketchpad Chrome Extension that allows users to draw, erase, and export their canvas with several stylistic modes. Personally set up the Chrome Extension, designed the visual aspects with HTML and CSS, and implemented Dark Mode features with JavaScript.

### Conference Management [UI Project] - <https://github.com/jaspermai/Conference-Management-System>

- A virtual event management system designed to organize major-scale events (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.

### Hash-Tagged [Data Project] - <https://devpost.com/software/hash-tagged>

- 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 data analytical use.