

Jasper Mai

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

SKILLS

Tech Stack : Java, Python, Git, C++, C, JavaScript, TypeScript, React.js, Node.js, MUI, HTML, CSS, MIPS Assembly

Tools : Jira, GitHub, Zenhub, Figma, Notion, Docker, Postman, NPM, Adobe Premiere Pro, Adobe Photoshop

EXPERIENCE

HomeX

Sep. 2021 – Dec. 2021

Software Engineering Intern - Consumer Applications Team

Toronto, ON

- Worked on design features and resolved bugs on the internal Content Management System (CMS)
 - **Action Bar:** Implemented button-disabling based on required fields and hiding actions based on user-detected roles via Keycloak
 - **Notifications:** Implemented toast notifications for all actions on the CMS site, as well as alert notifications when user changes tab
- Designed JSON forms allowing users to personalize website components and create their own article pages
- Presented frequent feature demos and a year-end capstone recap to the entire company
- **Tech Stack:** JavaScript/TypeScript/React.js/Node.js/JSON Forms/Github

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

EDUCATION

University of Toronto

Sep. 2019 – Current

Honors Bachelor of Science

Toronto, ON

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

PROJECTS

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

- 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.