Jasper Mai

📞 604-961-0156 | ✉ jaspermai25@gmail.com | in [linkedin](#) | 📖 [website portfolio](#) | ▶ [youtube channel](#)

SKILLS

Tech Stack : Java, Python, C++, C, JavaScript, TypeScript, React.js, Node.js, K8s, YAML, HTML/CSS, MIPS Assembly

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

EXPERIENCE

Google   May. 2022 – Present
Developer Relations Intern - Google Cloud Platform Team   Kitchener, ON
- Designed and implemented product requirements for a "one-click" automated deployment system of **Online Boutique**–a Google Kubernetes Engine (GKE) open-source sample application with over 12.9k Github stars
- Enabled over 200 companies' platform admins, external company developers, and non-technical decision makers to assess GCP sample apps by automating infrastructure through Terraform and Kustomize.
- Authored a guide including design considerations and implementation details, further helping the team scope out next steps to replicate and maintain similar automated deployment systems for remaining sample apps
- **Tech Stack:** GCP, K8s, Terraform, Kustomize, YAML, Docker, Github

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
- 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
- **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, Web Development, Computer Systems, Version Control
- **Cumulative GPA**: 3.90 / 4.00 [Dean's List Scholar]

PROJECTS

Tall Tales - *https://github.com/jaspermai/TallTales*
- A multiplayer storytelling game using JavaScript, React.js, MongoDB, and Node.js to create an immersive, concurrent gameplay experience.

Sketchy - *https://devpost.com/software/sketchy-0azxnb*
- A freehand sketchpad Chrome Extension using Javascript, HTML, and CSS that allows users to draw, erase, and export their canvas with several stylistic modes.