

Jason Huang

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Education

McMaster University

Computer Science Co-op, 4.0 GPA

Bachelor of Applied Science

- Received Provost's Honour Roll, Deans' Honour List - (Winter 2022)
- Completed courses in Operating Systems (4.0), Programming Languages (4.0), Databases (4.0), Data Structures and Algorithms (4.0), Software Development (OOP and Design Patterns) (4.0)
- DeltaHacks VP of Tech - (Nov 2022 – Present)
- McMaster Competitive Programming ICPC Competitor (Spring 2023)

Hamilton, Ontario, Canada

2021 – 2025

Experience

Manulife

Cloud Engineering Intern

- Developed new testing framework addons for **Terraform** in **Go**, improving test coverage by **25%**
- Worked under mentors to scaffold ServiceNOW Terraform API using **Python**, allowing for cost visibility across cloud products
- Collaborated across multiple innersource teams using **Jira and Confluence**, to deploy new service on **Kubernetes** using **Jenkins**
- Introduced **Docker**-based Devcontainers workflow to improve innersource contribution process

Waterloo, Ontario, Canada

May 2023 – Sept 2023

New Babel

Software Engineer

- Developed product API using **NoSQL** database, serverless functions, and **Python**, achieving sub-100ms response times
- Collaborated with team of 3 using **Agile** methodology to rapidly prototype and deliver features
- Used IaC tooling to deploy Database-per-tenant SaaS architecture
- Automated unit tests, provisioning, and deployment process using **Github CI/CD**
- Presented to and obtained feedback from **Fortune 500** clients

Toronto, Ontario, Canada

May 2022 – Sept 2022

TakingITGlobal

Software Architect

- Used static site generation to increase site performance by over **800%**
- Developed and released accessibility toolkit as open-source NPM module, with full **CI/CD** pipeline
- Developed **GraphQL** powered serverless API to interface with sites and mobile apps
- Created web app using **React** to provide highly scalable grant administration experiences for **400+ quarterly applicants**
- Deployed self-hosted CMS to allow for internal team of **30+ users** to customize website and application dashboard
- Used serverless tooling such as **AWS, Netlify, and Auth0** to deploy and secure apps

Toronto, Ontario, Canada

Apr 2020 – May 2022

Projects

SalesBop

CTO

<https://www.salesbop.io>

- Developed AI-driven sales coaching application, targeting SMB sales teams across North America
- Architected and built full-stack application using **React, tRPC, Prisma**
- Created multi-cloud, API-driven infrastructure using **Modal, Vercel, and PlanetScale**
- Deployed private transcription and diarization endpoint, reducing costs by **50%** compared to Rev.AI
- Met with mentors and stakeholders to obtain feedback

Hamilton, Ontario, Canada

Jun 2023 – Present

DeltaHacks

VP Tech

<https://github.com/deltahacks/portal> | <https://github.com/deltahacks/landing-10>

- Deployed backend for shared applicant/administration portal, processing **over 1000 applicants**
- Led team to build a performant, responsive, and modern landing page using **AstroJS and React**
- Delivered features in sprints with team of 6 other developers
- Collaborated with other organizational teams to obtain feedback and product requirements

Hamilton, Ontario, Canada

Nov 2022 – Present

Homelab

- Deployed **Docker services** and **ZFS storage** on a hyperconverged server
- Built 3-node virtualization cluster, with HA failover, using **Proxmox VE** and ZFS replication
- Experimented with **Kubernetes** using K3S and Helm, deploying **Grafana** and **Prometheus** for monitoring

Apr 2020 – Present