

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, Go, HTML/CSS, C, C++, Haskell, Elm, PostgreSQL, SQL
Technologies: React.js, Node.js, Next.js, Tailwind CSS, Vercel, Prisma, Puppeteer, OpenShift, Kubernetes
Tools: Git, Jira, Figma, Google Cloud, Docker, Jupyter, AWS, Jenkins, Cloud Pak For Data

EDUCATION

McMaster University **Sept 2020 – Apr 2025**

BASc, Computer Science CO-OP (Honours Co-op)

• GPA: 3.9/4.0

- Relevant Courses: Data structures & Algorithms, Databases, Concurrency, Discrete Math, Computer Architecture, Automata & Computability
- Deans' Honour List

EXPERIENCE

Software Engineering Intern **Jan 2024 – Present**

IBM

Markham, ON

- Engineered a Go-based zen-watchdog agent for Cloud Pak for Data, enhancing event processing efficiency with a configurable limit feature, which reduces ETL requests by up to 65%, boosting client productivity.
- Led a critical fix in CPD CLI, ensuring 100% accuracy in system health reporting.
- Developed and optimized a defect tracking and reporting script using Slack, GitHub, and ZenHub APIs, leveraging IBM Cloud for automation, significantly boosting my team's and manager's productivity.

Software Engineering Intern **Jan 2022 – Sept 2022**

Lendle

Toronto, ON

- Improved application performance and load times by 57% through integrated performance-enhancing techniques on stored procedures, enhancing user satisfaction.
- Architected responsive screens using Next.js, React.js, and Tailwind CSS, resulting in a seamless and visually engaging user experience.
- Modeled business requirements in SQL relations and microservice architecture in AWS Lambda.
- Developed data-rich financial calculators with React.js, empowering users to make informed decisions and increasing user engagement.

Frontend Developer **Jul 2020 – Sept 2020**

MAX Aspire

Waterloo, ON

- Collaborated with UI/UX designers and front-end developers, leveraging React.js to create a dynamic and engaging social networking site.
- Translated Figma designs into multiple responsive screens, ensuring a seamless user experience and providing valuable input to enhance design aesthetics and usability.
- Delivered a dynamic and user-centric platform, successfully fostering mentorsip and networking within under-represented and minority communities in North America.

Software Engineering Intern **Sept 2019 – Jan 2020**

CYA Live

Toronto, ON

- Developed a secure Node and Express CRUD back-end, containerized with Docker and deployed to AWS EC2.
- Worked in an agile team, accelerating development cycles and delivering high-quality results to develop features for synchronized interactive events, facilitating large-scale virtual audiences.
- Identified, debugged, and fixed a permissions error present in a production API, ensuring platform scalability, security, and fault tolerance for seamless user experiences.

AWARDS

- MAX Gala: Awarded \$10,000 for contributions to my community and non-profit organizations.
- Spark: First place for Best Hack for Environmental Impact.
- McMaster University: President's Award recipient.