

TECHNICAL SKILLS

Languages & Frameworks Javascript/Typescript • React • Bash • Python • Pytest • HTML/CSS • Jest • Node • Tailwind
Technologies PostgreSQL • MongoDB • Redis • Azure • Google Cloud • Docker • Linux • Postman • Flask • Git

EDUCATION

University of British Columbia - *Bachelor of Applied Science in Computer Engineering*

EXPECTED MAY 2025

- Dean's Honour List – CGPA: 3.7/4.0 | 86%
- Trek Excellence Scholarship – Top 5% of Engineering

WORK EXPERIENCE

NETINT Technologies [↗](#)

JAN 2024 - APR 2024

AI Developer Intern

Python, React, Typescript, Node, RAG, Redis, SQL, AWS

- Achieved a **80% adoption rate among 100+** employees by building, deploying, and conducting training on custom internal tools
- Saved **\$4700/month** by implementing a chatbot with file retrieval (RAG) and access to all open source LLM
- Decreased time spent searching for internal documentation by 20% through creating an AI-driven information retrieval platform, streamlining access to Confluence, Jira, and GitLab
- Enhanced operating efficiency by 40% through developing a proxy using Python and Flask for API key management
- Developed a code interpreter platform for uploading, generating, and executing code in secure & isolated Docker environments

ARIS Environmental [↗](#)

MAY 2023 - OCT 2023

Software Developer Intern

Python, Pytest, Azure, PHP

- Successfully delivered a cloud service using Azure serverless functions within a deadline of 2 weeks by advocating for the adoption of Docker-based image deployment
- Spearheaded the implementation of automated testing procedures using Pytest, achieving **80% line coverage** to prevent service disruptions from breaking changes, resulting in a 35% improvement in uptime
- Overhauled the build and deployment process to Microsoft Azure by creating multi-stepped Bitbucket CI/CD Pipeline, reducing developer workload by 70%

PERSONAL PROJECTS

BThere [↗](#)

JAN 2024

nwHacks 2nd Place

React, Next.js, WebRTC, Python, Flask, WebSocket

- Placed **2nd of 700+** hackers by creating a conversational analysis web app to foster deeper friendships using Firebase, AWS Facial Rekognition, Google Cloud Vision, and OpenAI text completion
- Integrated live video streaming using WebRTC to provide facial recognition and conversation suggestions in real-time
- Worked with developers to effectively isolate and resolve application bottlenecks, improving performance by 35%

Mittens [↗](#)

APR 2022 - PRESENT

Personal Project

Typescript, TypeORM, Sentry, Jest, Docker, GCP

- Developed and currently maintain a Discord bot that allows over **100+ users** to subscribe to YouTube channels, receiving timely notifications for new schedules and live streaming events
- Reduced database fetching times by 72% by migrating from a noSQL database to an SQL database using TypeORM and SQLite
- Automated build and deployment to a home server, leveraging Docker and GitHub Actions to reduce deployment time by 40%

3FA [↗](#)

MAR 2023

Full-Stack Developer | Group Project

React, Electron, TailwindCSS, SQL, Python, Flask

- Collaborated closely with backend developers to seamlessly integrate frontend and backend components, establishing secure communication via 20+ API endpoints with session token authentication
- Created a facial recognition one-shot Siamese machine learning model with **94% accuracy** with 39 million parameters and 30,000+ training images using Pytorch
- Spearheaded hardware and software integration by engaging in regular discussions to design and implement the networking system by a 3 week deadline