

HASSAN MOHARRAM | Montreal, QC | +1-514-713-8219 | hassan.moharram@hotmail.com

PROFESSIONAL SUMMARY

Software Engineer with experience in Cisco with Java back-end, prototyping new front-end UI concepts with React. Delivered projects with full software lifecycle, from development to deployment winning the capstone award using CI/CD, Docker, and cloud platforms.

EDUCATION

B.Eng. Software Engineering (ECP) | Concordia University, Montreal, QC | 2020 – 2025

TECHNICAL SKILLS

- **Languages & Frontend:** Go, TypeScript, Python, JavaScript, React, HTML5, CSS3
 - **Backend & DevOps:** Node.js, REST APIs, Docker, CI/CD, Git, SQL, Redis
 - **Cloud & Platforms:** DigitalOcean, Google Cloud Platform (GCP), Linux, MacOS, Windows
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EXPERIENCE

Software Engineer Intern – SDWAN

Cisco | Ottawa, ON | May 2023 – Jan 2024

- Created tool for displaying machine upgrade status to end user with React.
 - Developed Go API endpoints to expose upgrade status for cluster nodes.
 - Prototyped new UI concepts for vManage with React.
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PROJECTS

[TrackMyDegree](#) (Award Winner) | Sep 2024 – Present

- Designed MSSQL schema & TypeScript APIs, serving 800+ users & 300+ accounts.
- Implemented CI/CD with Docker for automated testing & cloud deployment.
- Optimized backend with Redis caching for faster data retrieval.

[UrbanCanvas](#) (DRW Hackathon Winner) | Feb 2025

- Built React frontend showcasing Montreal murals & public art.
- Ingested/normalized multiple city datasets into MongoDB.
- Integrated Google Maps API to generate optimized art tour routes.

[Implementing and Training AI Models](#) (Academic Project) | Mar 2024

- Implemented [Multilayer Perceptron](#) / [CNN](#) for image recognition.
- Created various AI algorithm models with Python for result comparison using image recognition.
 - [Gaussian Naive Bayes](#) versus [Scikit-Learn](#)
 - [Decision Tree](#) versus [Scikit-Learn](#)