

LUAN TRAN

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EDUCATION

Concordia University | Master of Applied Computer Science 2025 - Expected 2027

Relevant Coursework: Natural Language Processing, Applied Artificial Intelligence

McGill University | Bachelor of Computer Engineering 2014 - 2019

SKILLS

Languages: Python, Java, Bash, PHP, JavaScript **Frameworks:** Flask, Node, WordPress, React, Google Cloud API

Environments: Windows, Linux (Ubuntu, Fedora)

CI/CD: Git, Jenkins, Concourse, Ansible,

Virtualisation Tools: VirtualBox, Docker, Hyper-V Bitbucket, JIRA, Circle CI

EXPERIENCE

Broadsign | Web Automation Developer Intern Jan - May 2019

Montreal

- Designed a new automation framework that accurately reproduce a live environment against which integration and system tests can be run
- Automated the clean deployment and database population of a web server using Docker and Bitbucket Pipelines
- Developed a Python REST tool library which developers could use to write their unit and integration tests

Ericsson | Software Developer Intern May - Dec 2018

Montreal

- Automated software installation processes to decrease runtime by 15% using Ansible
- Implemented a build certification process in custom Concourse to improve testing team's efficiency by 75%
- Developed automated Oracle backup and restore solution to decrease Concourse jobs' runtime by 20%
- Proposed and implemented new dispatch process for CI infrastructure by integrating Mantis API to Concourse

Matrox | Automation SQA Intern Jan - Aug 2017

Montreal

- Created a new automated testing workflow to improve reduce weekly manual testing by 10 hours
- Integrated Silktest, Jenkins and Testrail API using Python scripts to 100% automate log parsing, reporting and archiving

ADDITIONAL EXPERIENCE

ValoGPT: Machine Learning Valuation Tool 2025

Developed a user-friendly tool to evaluate companies' estimated worth during merge and acquisition process (for small and medium companies) using machine learning and Yahoo Finance API

McGill Capstone: Multimodal Image Fusion for the Reconstruction of a Human Torso 2018

Developed a user-friendly tool for visualizing human torso using three modalities including X-Ray, MRI and surface topography.

<https://github.com/luantran/CapstoneProject>

French and English Teacher | ILSC Montreal, CEGEP Marie-Victorin Sep 2023 - Present

Hybrid (Montreal)