

# LUAN TRAN

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## EDUCATION

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**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

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**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

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**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

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**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)*