

# Huy Pham

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## EDUCATION

### McMaster University

Bachelor of Technology in Software Engineering Technology

**Hamilton, CA**

Sept 2023 - Dec 2025

**Relevant coursework:** Next.js, React, Python, Flask, PowerShell, SQL, and AWS

### Seneca Polytechnic

Advanced Diploma in Computer Engineering Technology

**Toronto, CA**

Sept 2017 - Apr 2020

### Seneca Polytechnic

Diploma in Electronics Engineering Technician

**Toronto, CA**

Sept 2017 - Sept 2020

## PROFESSIONAL WORK EXPERIENCE

### S&C Electric Company

Junior System Administrator (Co-op)

**Toronto, CA**

May 2025 – Present

- Administer user accounts, permission, security groups using Active Directory, Microsoft Intune, and Azure AD.
- Manage Microsoft 365 services through Exchange Admin Center, Teams Admin Center, and SharePoint Admin Center for mailbox provisioning, license assignments, and collaboration policies.
- Automate application package deployment using PowerShell scripting to Microsoft Intune for seamless distribution through the Company Portal.
- Monitor and manage virtual machines and hosts using VMware vCenter, including resource allocation, VM provisioning, and snapshot management.

### S&C Electric Company

Desktop Support Analyst (Co-op)

**Toronto, CA**

Sept 2024 – Apr 2025

- Delivered Tier 2 technical support resolving incidents related to Windows OS, Office 365, Exchange, VPN, and enterprise applications through ServiceNow, achieving 90% incident resolution efficiency.
- Administered user accounts and group access via Active Directory and Microsoft Intune, supporting onboarding /offboarding and ensuring compliance with organizational IT policies.
- Worked with the Networking team to troubleshoot connectivity issues, configure DHCP/DNS settings, and ensure seamless integration of cloud-managed devices.

## CERTIFICATION AND TRAINING

### COMPTIA Network+

TCP/IP, VPN, VoIP, Firewall, Routing and Switching, Cloud Networking

**CompTIA**

Nov 2024 – Nov 2027

### COMPTIA A+

Computer Repair, Windows Client and Server OS, Technical Support

**CompTIA**

Jul 2023 – Jul 2026

### CS50's Introduction to Computer Science

Computer Science, C++, Python, MySQL, API, JS, Database, Git, GitHub, SVN, Deployment

**Harvard University**

Dec 2023

## PROJECT & VOLUNTEER EXPERIENCE

### IT Ticketing System (Next.js + JSON REST API)

Tech Stack: Next.js, React, REST API, Node.js, JSON Server

**Toronto, CA**

March 2025 – Apr 2025

- Built a ticket management system for IT teams to track issues, status updates, and escalations.
- Implemented routing with server-side rendering and a responsive UI for internal enterprise use.
- Used local database emulation for data persistence and implemented user roles for admin and technician views.

### Vehicle Detection with Computer Vision

Tech Stack: Google Colab | Python, OpenCV, PyTorch, Matplotlib

**Toronto, CA**

May 2024 – Aug 2024

- Developed a vehicle detection pipeline using OpenCV and PyTorch to identify and classify vehicles in image datasets
- Leveraged Torch for GPU-accelerated operations and model inference (if applicable in later cells).
- Visualized detection results using Matplotlib, enabling interactive and interpretable output for analysis.

### Tic Tac Toe Web Game

Tech Stack: React, JavaScript, CSS

**Toronto, CA**

March 2024 – May 2024

- Designed an interactive Tic Tac Toe game using React for component-based architecture and state management.
- Implemented game logic for win/draw detection, turn switching, and reset functionality using clean JavaScript functions.

### Stock Market Tracker Web App

Tech Stack: Python, Flask, MySQL, JavaScript, HTML/CSS

**Toronto, CA**

Jan 2024 – Feb 2024

- Created a client-server financial dashboard that pulls real-time market data and visualizes user holdings.
- Handled authentication, database encryption, and deployment using AWS EC2 and RDS.
- Emphasized secure design, modular code structure, and RESTful principles.