

Harry Pham

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EDUCATION

McMaster University Bachelor of Technology in Software Engineering Technology Relevant coursework: Next.js, React, Python, Flask, PowerShell, SQL, and AWS	Hamilton, CA Sept 2023 - Dec 2025
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) <ul style="list-style-type: none">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.	Toronto, CA May 2025 – Present
S&C Electric Company Desktop Support Analyst (Co-op) <ul style="list-style-type: none">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.	Toronto, CA Sept 2024 – Apr 2025

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 <ul style="list-style-type: none">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.	Toronto, CA March 2025 – Apr 2025
Vehicle Detection with Computer Vision Tech Stack: Google Colab Python, OpenCV, PyTorch, Matplotlib <ul style="list-style-type: none">Developed a vehicle detection pipeline using OpenCV and PyTorch to identify and classify vehicles in image datasetsLeveraged 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.	Toronto, CA May 2024 – Aug 2024
Tic Tac Toe Web Game Tech Stack: React, JavaScript, CSS <ul style="list-style-type: none">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.	Toronto, CA March 2024 – May 2024
Stock Market Tracker Web App Tech Stack: Python, Flask, MySQL, JavaScript, HTML/CSS <ul style="list-style-type: none">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.	Toronto, CA Jan 2024 – Feb 2024