

Connor Pink

Burlington, Ontario

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EDUCATION

Guelph University

Master of Science in Computer Science

Guelph, ON

Jan. 2025 – Present

Trent University

Bachelor of Science (Honours) in Computer Science with Co-op – 84.08% Average

Peterborough, ON

Sept. 2020 – July 2024

EXPERIENCE

Graduate Research and Teaching Assistant

Jan. 2025 – Present

Guelph University

Guelph, ON

Research Assistant – Dr. Sykes AI and Healthcare Lab

- Conducting research in Computer Vision, Image Segmentation, and Explainable AI methodologies
- Developing and testing Generative AI models for synthetic data generation in healthcare applications
- Contributing to academic papers on AI-driven healthcare solutions and computer vision techniques

Teaching Assistant

- CIS 3110 Operating Systems and CIS 4150 Software Testing and Reliability
- Design and deliver lecture-style labs, grade assignments and exams, and host office hours to support student learning
- Manage student correspondence and provide technical guidance on course concepts and assignments

Student Developer CO-OP

May 2022 – Dec. 2023

Employment and Social Development Canada (ESDC)

Remote

- Developed front-end applications using .NET, LINQ, TypeScript, jQuery, MVC, and Node.js
- Created and optimized PL/SQL scripts for back-end database operations
- Collaborated with cross-functional teams using Azure DevOps for project management and deployment
- Maintained and enhanced existing government web applications serving thousands of users

Information Technology CO-OP

Aug. 2021 – Mar. 2022

Peterborough Regional Health Centre (PRHC)

Peterborough, ON

- Developed Active Directory PowerShell applications for automated user management and administration
- Created an Asset Management web application with PHP frontend and MySQL backend
- Managed and maintained systems using SCCM, IGEL UMS, ManageEngine, EPIC, and VMware
- Provided technical support and system administration for healthcare IT infrastructure

PROJECTS

Full-Stack Web Applications | React, Node.js, Express, MongoDB

Ongoing

- Developed multiple full-stack applications with React front-end and Node.js Express API
- Implemented RESTful APIs with MongoDB backend for data persistence
- Projects showcased in portfolio at <https://connorpink.me>

Asset Management System | PHP, HTML, CSS, MySQL

Aug. 2021 – Mar. 2022

- Built a web-based asset tracking system for hospital IT equipment
- Designed and implemented MySQL database schema for efficient asset management
- Created responsive user interface for easy asset lookup and management

TECHNICAL SKILLS

Languages: Java, C, C#, JavaScript, Java, TypeScript, Python, PL/SQL, PHP, HTML/CSS, XML, PowerShell

Frameworks & Technologies: Diffusion, GAN, UNet, PyTorch, Tensorflow, Conda, React, Node.js, Express, .NET, ASP.NET, MVC, jQuery, LINQ

Developer Tools: Docker, Github Actions, Google Cloud run, AWS, Git, Azure DevOps, GitHub, VS Code, Visual Studio, VMware, VirtualBox, Kali Linux

Databases: MySQL, MongoDB, PL/SQL

Systems & Administration: Active Directory, PowerShell, SCCM, IGEL UMS, ManageEngine, EPIC