

MICHELLE KELLY

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EDUCATION

Queen's University

Bachelor of Computing, Specialization in Software Design

Kingston, ON

2024 – 2029

- **Relevant Courses:** Computer Architecture, Data Structures, Software Specifications, Logic for Computing Science
- **Awards/Scholarships:** QMIND Next-Generation Award, Magna International Give Back Awards, CFUW Trust Awards

PROFESSIONAL EXPERIENCE

York Region

Technical Support

Newmarket, ON

May 2026 – Present

- Engineered an automated workflow using PowerShell and Power Automate to migrate 600+ documentation files into a centralized IT Wiki, saving an estimated 150+ hours of manual data entry and streamlining team knowledge access
- Administered the lifecycle management of 200+ enterprise devices and resolved ~30 monthly IT support tickets, ranging from routine OS reimaging to the critical diagnosis and restoration of 3 non-standard dental X-ray machines

Carbon Cred

Applied Data Analyst

Calgary, AB

Mar 2024 – Aug 2024

- Analyzed high-volume datasets of geographic locations and timestamps at a carbon credit marketplace startup to identify anomalous user activity patterns
- Improved carbon credit classification logic by analyzing behavioral trends to successfully flag >60% of user data as fraudulent

Private Clients

Python Programming Tutor

Toronto, ON

Dec 2022 – Jul 2023

- Designed and led interactive virtual lessons to teach fundamental Python programming, providing intensive 1-on-1 mentorship and maintaining a 100% client retention rate over an 8-month continuous engagement
- Developed project-based curriculums that enabled the student to independently build and deploy games

EXTRACURRICULAR ACTIVITIES

QMIND

Product Manager

Kingston, ON

Jun 2026 – Present

- Leading a 6-person technical team to research and evaluate machine learning models optimized for the detection of phishing attacks specifically targeting vulnerable populations
- Directing product strategy, research scoping, and agile timelines to bridge theoretical AI with real-world applications

Design Team Member

Oct 2024 – Apr 2025

- Collaborated within a team, utilizing peer programming and architectural reviews to drive a research project to publication

Canadian Undergraduate Conference on AI

Conference Chair

Toronto, ON

Jun 2026 – Present

- Leading the strategic planning and execution of Canada's largest undergraduate AI conference, directly managing an executive team of 12 directors to align timelines, budgets, and operational logistics
- Driving partnership outreach and organizational growth strategies to deliver a multi-day event to an expected 450+ attendees

Marketing Director

Jun 2025 – May 2026

- Directed marketing strategy across multiple platforms, launched an AI-focused newsletter driving a 288% subscriber increase, boosting awareness and ticket sales with 400+ attendees, and 19+ schools

PROJECTS ([GitHub](#))

AI Receptionist

Python, TypeScript, Next.js/React, FastAPI, Supabase

Newmarket, ON

May 2026

- Engineered and deployed [Workings](#), an AI voice receptionist SaaS for home service fleets, launching an early-access pilot program to capture missed emergency calls and recover lost dispatch revenue
- Architected a full-stack solution featuring a Next.js/Supabase dashboard and a Python/FastAPI LLM voice pipeline, leveraging webhooks to parse live-call transcripts, triage emergencies, and automatically route structured lead tickets to dispatchers

Instrument-Specific Symbolic Music Genre Transfer Model

Python, PyTorch, CUDA

Kingston, ON

Apr 2025

- Developed a hardware-accelerated deep learning model (PyTorch/CUDA) for symbolic music genre transfer, architecting an LSTM-based Variational Autoencoder and adversarial classifier while refining KL divergence loss
- Co-authored a research paper published in [CUCAI Proceedings](#) and presented findings to industry leaders at AWS and CUCAI

ADDITIONAL INFORMATION

- **Technical Skills:** Python, TypeScript, JavaScript, Java, C#, HTML/CSS, React, Next.js, FastAPI, PyTorch, Git, Supabase, MongoDB, Linux/Bash, PowerShell
- **Interests:** Hiking, running, gym, game development, chess
- **Other Awards:** 5x OFSAA Qualifier, National Steeplechase Championships Qualifier, Toronto Marathon 40th Place (Age Group)