

December 27, 2025

Sky Quan

Toronto, Ontario, Canada

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647-613-7546

Dear Hiring Team,

I am excited to apply for a position that leverages my technical skills and experience in software development, research, and DevOps. With a strong foundation in programming languages such as Python, Java, C, and Swift, I am confident in my ability to contribute to a team. My experience as a Software Developer/DevOps Intern at Ontario Teachers' Pension Plan has provided me with a unique blend of research and industry experience.

I have a proven track record of delivering high-quality results, from implementing CI/CD pipelines using Jenkins and GitHub Actions to developing automated tools using Python and Bash. My personal projects, such as the Gym Tracker App and Expense Sheet Combiner, demonstrate my ability to design and develop applications that meet real-world needs. I am excited about the opportunity to bring my skills and experience to a new role and contribute to a team that values innovation and collaboration. With my strong technical skills and experience working with technologies such as Azure, AWS, and Linux, I am confident that I would be a valuable asset to your team.

I am excited about the opportunity to discuss my application and how my skills and experience align with the requirements of the position. Thank you for considering my application. I look forward to the opportunity to contribute to a team and continue to grow and develop as a professional.

Sincerely,

Sky Quan

Sky Quan

6476137546 | skyquan23@gmail.com | www.linkedin.com/in/sky-quan | <https://github.com/Ctrl-Sky>

EDUCATION

Computer Science - Bachelor of Applied Science | McMaster University Expected Grad 2027

TECHNICAL SKILLS

- Python
- SQL
- Jenkins
- GitHub
- Ansible
- SonarQube
- Docker
- Azure
- Snowflake
- Linux

EXPERIENCE

Software Developer (CO-OP) | Ontario Teachers' Pension Plan Sept 2024 - Aug 2025

- Rearchitected the company's **Docker** base image system, consolidating multiple redundant images around a single standardized **Ubuntu** base image, reducing maintenance complexity and improving efficiency.
- Co-led a **POC** for migrating **CI/CD** workflows from **Jenkins** to **GitHub Actions**. Evaluated capabilities and limitation of **actions** compared to **Jenkins**, presenting those findings and best practices to senior leadership, influencing the adoption across multiple teams.
- Increased logging visibility within **Ansible** and **Jenkins** for **Flyway** database migrations across **Snowflake**, **MSSQL**, and **Oracle**, improving troubleshooting and monitoring.

Research Assistant | McMaster University, Computing and Software May 2023 – Aug 2023

- Worked with Dr. Stephen Kelly to research evolving adaptable control policies using **gymnasium's** pendulum task and **Distributed Evolutionary Algorithms in Python** (DEAP) to conduct experiments on the partially observable pendulum task using **machine learning**
- Following Darwin's Law of Natural Selection, developed and **trained** multiple generation of **AI agents** to solve various tasks.
- My work laid the foundation for other projects now continued by Dr. Stephen Kelly's MA students (<https://creativealgorithms-cd4c88.gitlab.io/team/>)

PROJECTS & EXTRACURRICULARS

Automatic-Photo-Transfer, *Python, Bash, YAML* Aug 2025

- Developed a **CLI-driven Python** application that automates photo transfers, transferring photos from a folder to a hard drive, organizing photos into date-based folders, and handling edge cases (live-photos, unsupported filetypes).

Gemini-Job-App-Generator, *Gemini, Python, Bash, GitHub actions* Feb 2025

- Developed a **Python** application that integrates **Google's Gemini 2.0** model to optimize resumes based on job descriptions.
- **Automatically** generated tailored cover letter templates from the optimized resume results, and organized all outputs into structured directories, replicating an artifact