

Joseph Liao

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EDUCATION

Queen's University

Bachelor of Computing Honours

Aug. 2022 – May 2026

Kingston, Ontario

SKILLS

Language Proficiency: English, Mandarin

Programming Languages/Frameworks: Python, Tensorflow, C#(Unity), Java, JavaScript, React, Express.js, MongoDB, Supabase, React Native, TypeScript, Next.js API, AWS

Design Software: Figma, Adobe Suite (Indesign, Illustrator, Photoshop), Blender, Canva, Fusion 360

EXPERIENCE

Co-founder, Lead Developer

Local Reach

Jan 2024 – Present

Kingston, Ontario

- One of 4 Co-founders for a computer vision startup which aims to help bars and restaurant reclaim their ad space using AI commercial detection.
- Raised over **\$60,000** in seed funding and **\$3000+** in revenue in 5 months
- Developed a lightweight **96%** accuracy ad detection algorithm using a combination of Tensorflow, OpenCV, and Python.
- Designed custom circuitry with KiCad which deployed at **5** restaurants
- Completed 2 Incubator programs, Qyourventure and Startup Survivor, currently apart of League of Innovators (Lab 13)

Project Assistant

Elevate Integrated Solutions

June 2023 – Oct 2023

Richmond Hill, Ontario

- Worked with **3 businesses** to architect unique technological solutions to various marketing problems
- Prototyped and designed CRM systems, ERP systems, and client-facing websites with Figma and Adobe suite software

Marketing Coordinator

Code Ninjas Richmond Hill

May 2023 – August 2023

Richmond Hill, Ontario

- Increased social media views by **50%** created **2000+** new impressions
- Developed **20+** creative graphics using Adobe suite as well as Canva

PROJECTS

Hackathons, Game Jams, and Competitions

Jan 2023 – Present

- HackMIT 'FightLab' **First Place** "Most Marvel-ous Hack"
- Mayors Innovation Challenge 2024 'BaoBab' 1st place, won **\$5000** in seed funding
- Deltahacks X 'VisuAI' **Top 10** project's overall out of **80+** submissions and **500+** hackers.
- Qhacks 2024 'Deer, Journal' Placed **5th** overall out of **50 projects** and **400+ participants**
- HawkHacks 2024 'Better' Placed **3rd** in NEAR blockchain category
- 2023 GMTK Game Jam placed **299th** overall out of **+6700 entries**

Personal Projects

- InQubate Website: www.inQubate.ca , Fully designed and helped code and deploy
- Personal Website: www.josephliao.com
- Reddit Video Generator, used Reddit API and Movie.py to auto generate short form videos.
- Discord Bot, Created a simple spam discord bot using the Discord developer API

EXTRACURRICULAR

Qmind: *Director of Marketing*

March 2024 – Present

InQubate: *Tech Consultant, Director of Marketing*

March 2024 – Present

Queen's University Wrestling Team: *Varsity Wrestler*

Sept 2022 – Present