

# Joseph Liao

416-999-7601 | [joseph.liao1018@gmail.com](mailto:joseph.liao1018@gmail.com) | [linkedin.com/in/joseph-liao](https://www.linkedin.com/in/joseph-liao) | [github.com/JosephLiao542211](https://github.com/JosephLiao542211)

## EDUCATION

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### Queen's University

*Bachelor of Computing Honours*

Aug. 2022 – May 2026

*Kingston, Ontario*

## SKILLS

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**Language Proficiency:** English, Mandarin

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

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

## EXPERIENCE

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### 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

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### 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
- HacktheHill 'Stumble' **Best UI/UX** out of **100+** 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](http://www.inQUbate.ca) , Fully designed and helped code and deploy
- Personal Website: [www.josephliao.com](http://www.josephliao.com)
- Reddit Video Generator, used Reddit API and Movie.py to generate 200+ short form videos.
- Discord Bot, used the Discord developer API to send over 5000+ messages

## EXTRACURRICULAR

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**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