

EVAN FERREIRA

[Website](#) | [GitHub](#) | [LinkedIn](#) | evan.ferreira@queensu.ca | 647-298-9923

EDUCATION

Bachelor of Computing and Commerce, Queen's University, Kingston, ON, Canada **2022 – 2026**

- Computer Science Major GPA: 4.30/4.30 – Dean's List with Distinction (top 10% in program)

SKILLS

- Programming Languages:** Python, Java, TypeScript, JavaScript, SQL, C, C++, HTML, CSS
- Technologies:** TensorFlow, OpenCV, React, Next.js, Node.js, Express.js, MongoDB, MySQL, Expo, React Native, Figma

PROFESSIONAL EXPERIENCE

Computer Vision Research Intern, Mitacs, Queen's University, Kingston, ON **2024 – Present**

- Led research efforts to develop an algorithm capable of real-time classification of TV content and commercial breaks
- Improved computer vision model accuracy from 57% to 98% utilizing finetuning and transfer learning techniques with MobileNet V2 architecture
- Built and optimized 15+ datasets with 40,000+ records each, ensuring research was underscored by high-quality data

Co-Founder and Lead Software Developer, Local Reach, Toronto, ON **2023 – 2024**

- Directed product development to create compelling demos, securing \$50,000 in non-dilutive funding in pitch competitions
- Designed testing framework to optimize device performance, driving MRR from \$80 to \$2,000+ (2,500%+ increase)
- Improved software and hardware interoperability, resulting in an acquisition by AdAura, a digital advertising agency

PROJECTS

Personal website for more info: evanferreira.com

Local Reach

- Deployed devices in 5+ restaurants/bars that recognizes TV commercials and switch to different ads during these intervals
- Leveraged TensorFlow and OpenCV to detect ad heuristics (96%+ accuracy), employing Raspberry Pi's to run program and IR transmitters to switch video input

Monkey Music

- Developed a mobile app enabling users to download Spotify playlists for free, resulting in 10,000 songs+ downloaded
- Built full-stack solution using Expo, integrating Spotify, YouTube, and YouTubeToMP3 APIs to transfer and convert playlists

LeetBros

- Engineered an automated platform to compare players' LeetCode rankings, sending 20,000+ personalized SMS updates
- Utilized GitHub Actions to autonomously query LeetCode API for rankings, integrated Twilio API for SMS notifications

EXTRACURRICULAR EXPERIENCE

Executive Director, inQUbate, Queen's University, Kingston, ON **2024 – Present**

- Directed a student-led AI incubator backed by Amazon Web Services (AWS), growing membership by 250%+ (45+ members)
- Established partnerships worth \$50,000+ with AWS, WealthSimple, and Mackenzie Investments
- Coordinated high-profile speaker engagements, including Derek Muller from "Veritasium" (16M subscribers on YouTube)

Varsity Wrestling Team Member, Queen's University, Kingston, ON **2022 – Present**

- Ranked 3rd in Canada at the 72kg weight division by Wrestling Canada and USports (2023-2024)
- Balanced a full course load while dedicating 20+ hours per week to training, lifting, and analyzing matches

Hackathon Wins: QHacks (2024) – 5th Overall, HawkHacks (2024) – 3rd in the NEAR Category, HackTheHill – 2nd in UI/UX Category