## **Daniel Martinez**

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### SKILLS

- Languages: TypeScript, JavaScript, PHP, SQL, Python, Java, HTML, CSS French, Spanish
- Technologies: Next.js, React.js, Node.js, Socket.io, React Native, Firebase, Vercel, Tailwind CSS, Azure, APIs, Chrome Extensions, Vector Search, RAG, Vector Databases, GitHub, Arduino

### EDUCATION

### Hodan Nalayeh Secondary School

Graduating June 2025

Vaughan, Ontario 2025

LOI Accelerator

• Accepted into Labs Batch 13 to accelerate my startup GradeAssist

Remote 2024

Treefrog Accelerator

Completed Cohort 11 to accelerate my startup GradeAssist

Vaughan, Ontario 2024

#### EXPERIENCE

# GradeAssist - The Scantron for Essays

Founder & CEO

2023 - Present

- o Developed an all-in-one AI essay grading platform to help teachers save time, deliver better feedback and reduce bias.
- Iterated on feedback to scale to 770+ teachers around the world who have graded 2800+ essays saving 42,000+ minutes.
- o Implemented 3rd party APIs for Plagiarism and AI Detection with a custom Node.js backend, ensuring utmost security.
- Built on Azure OpenAI, Next.js, Tailwind CSS, Vercel, and Firebase, creating staging and production environments for CI/CD
- Accepted into Microsoft for Startups, Treefrog Accelerator and LOI Accelerator, receiving \$150,000 in Azure Credits to scale.

# TigerClip Software - Advanced Sports Film and Stats Analysis

2024-Present

- o Developed a software platform for basketball coaches to create clips for their game film with custom shortcuts, 70% faster.
- Developed an advanced stats tracking system with an intuitive interface, similar to those found in professional leagues like the NBA.
- Partnered with Hodan Prep, a notable basketball team that launched Andrew Wiggins and other NBA players.

## Kew Entertainment - Real Time Song Requests at Parties

 $Co ext{-}Founder$ 

2023 - 2024

- Built a real-time app that allows users to send song requests to DJs during events, enhancing the party experience.
- o Developed a responsive web app (PWA) using React.js and Vite, with Firebase, Spotify API, and Vercel for real-time updates.
- Scaled the platform to handle 5000+ song requests across 5 events, reaching 1000+ users within 2 months.

### Green Gizmos - Eco-friendly 3D Printing

Ontario 2022 - 2023

Founder

- Designed a portable, adjustable, and eco-friendly phone stand using sustainable materials, combining functionality with environmental consciousness.
- o Developed and managed a **Shopify e-commerce website**, overseeing 3D printer operations and driving sales.
- Launched a charity campaign in collaboration with **TeamSeas**, removing 1lb of ocean garbage for every product sold, aligning business goals with environmental sustainability.

### Exceed Robotics

Vaughan, Ontario 2021

Project Lead

- Developed a smart home system as an alumni, to teach to incumbent students in the Arduino robotics program.
- Pitched to executives to demo a full-stack hardware and software solution using ESP32 + Arduino and a Node.js web server
- Researched, developed and completed the project in less than 1 month during the summer after I graduated from elementary school

#### Projects

- HyperSearch AI: Built a state-of-the-art RAG chrome extension using LLMs for language-agnostic video content search
- Yapper App: Built an anonymous social media app using React Native, Firebase and Google Cloud Vision APIs
- Gorg App: Built an award-winning AI mental health support app using React Native, Firebase, and OpenAI API.
- SpillTheTea Social: Built an anonymous social media platform using PHP, MySQL, HTML, CSS, jQuery, JS

#### AWARDS

- Hack the Valley 9: 2nd Place AI agent software that automates hackathon project creation by simulating product managers and developers to build simple web-based projects (2024)
- 2x Ingenious+ Innovation Award: Gorg (2024), GradeAssist (2023)
- Youth Entrepreneurship Pilot Grant Recipient: York Region (2023)
- Summer Company Grant Recipient: Ontario (2022)
- Robotics Competition Winner: Exceed Robotics (2021)

### Public Speaking

- Summer Company Kickoff Event: Keynote Speaker at Niagara University, Ontario (2024)
- City of Vaughan: How to Start a Business and Make Money, Keynote Speaker in Vaughan, Ontario (2024)