





# Mateo Paez

 MateoPaez  
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mateopaez.site 

## Education

### University of Alberta

B.Sc. Computing Science with Specialization

2019 - 2024

## Work Experience

### We Know Training

Current

*Front-End Developer*

- Build and maintain responsive, user-focused marketing and eCommerce websites using TypeScript, Next.js, HTML, and CSS.
- Manage front-end work across multiple brands, including We Know Training, Danatec, CannSell, and others.
- Led redesign of Fleet Safety International's site, boosting conversion rates by 40%.
- Improved Danatec's site performance, reducing page load times by over 60%.
- Implemented SEO best practices (semantic HTML, metadata, structured data, keyword targeting), increasing organic traffic by 35% and new users by 26% year over year.
- Use Google Analytics and Tag Manager to track performance and guide optimizations

### Code Ninjas

2022 - 2024

*Software Programming Instructor*

- Taught children and teenagers fundamental programming practices via a programming curriculum which utilizes JavaScript, Lua, C#, Makecode Arcade, and Unity.
- Ran daily and weekly STEM camps during the summer months specializing in Lua and how to create complex environments in Roblox Studio.
- Offered exceptional customer service to inquiring families while promoting the company brand and educating parents on the company's mission and values.

## Projects

### Voxa

Nov 2024

Voxa is a voice-activated AI assistant designed to provide seamless, fully voice-to-voice interaction. The application uses advanced speech-to-text and text-to-speech pipelines integrated with OpenAI's GPT & Whisper models to deliver intelligent, conversational responses.

- **Technology/Tools:** React, Typescript, Tailwind, Python, FastAPI, OpenAI

## Skills

**Languages:** JavaScript/TypeScript, C#, Python, Java, Lua, SQL, MongoDB, CSS, HTML

**Technology:** Material UI, Firebase, Postgres, OpenAI, Git, Docker, Unity, Figma

**Libraries:** React, Next.js, Node.js Django, Flask, FastAPI, Tailwind, Pytest, Espresso, Junit

## Volunteer

### University of Alberta

2021 - 2024

*President: Super Smash Bros. Club*

- Lead safe and fun recreational Esports events for people of all ages at various venues.
- Obtained organizational skills through event, resource, and financial management