

# Axel Daniel Padilla Reyes

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## Education

### Tecnológico de Monterrey

B.S. in Computer Science and Technology | [Link to full coursework](#)

Guadalajara, Jalisco

August 2022 – June 2026

- GPA: 4.00
- **50% Academic Merit Scholarship:** Professional studies scholarship for students with extraordinary academic performance.
- Related coursework: Computational Thinking and Programming, Mathematics and Data Science for Decision Making, Computational Modeling of Movement.

## Projects

### Race Director | Typescript, React, Firebase, Github | [Link to Project](#)

January 2022 – February 2022

- Developed a **motorsport-themed web application** where the community can read, write, and share articles with other users with similar interests.
- Integrated **Google's Firebase services**, such as Authentication, Firestore Database, Storage, and Google Analytics.
- Stored **user-generated posts** as Markdown and implemented server-side rendering to generate highly interactive and SEO-friendly pages.
- Deployed via an automated **CI/CD pipeline** using Github and Vercel.

### Vigiles Analytica | Typescript, React, Netlify CMS, Github, Figma | [Link to project](#)

April 2022 – July 2022

- Redesigned and rebuilt an existing website from a threat analysis security company.
- Configured Netlify CMS for **managing** and creating **new content**.
- Set up a **CI/CD pipeline** that automatically **deploys previews** for reviewing new content before it goes live. Once approved, the updates are **deployed automatically** to the production website.
- Sustained communication with the company throughout the development phase and delivered a website that **fits their needs**.

### Ilana Hegewisch's Website | Typescript, React, Netlify CMS, Github, Figma | [Link to project](#)

May 2021 – December 2021

- Designed and built a website for Ilana Hegewisch, a coach that helps clients reach their future professional goals and strengthen personal relationships.
- Configured Netlify CMS for **managing content in different languages** quickly and intuitively.
- Integrated Calendly, a service that gives customers a seamless way to **book a consultation from within the website**.
- Deployed via an automated **CI/CD pipeline** using Github and Netlify every time content is updated.

## Awards

### Honorable Mention - National

Honorable Mention at the 33<sup>rd</sup> Mexican Mathematics Olympiad (OMM)

OMM 33°

November 2020

### First Place – Regional

First Place at the 23<sup>rd</sup> Nayarit State Mathematics Olympiad (OMM)

Nayarit OMM 34°

October 2021

## Skills

**Languages:** JavaScript, TypeScript, Python, C++

**Technologies:** Visual Studio Code, Github, Git, Jupyter, React, Next.js, Vercel, Netlify, Firebase, Tailwind CSS