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1 Education

08/2021 - 06/2025	B.S. in Computer Science and Technology - Tecnológico de Monterrey (Current)	GPA: 98/100
08/2019 - 06/2021	High School - Tecnológico de Monterrey Campus Sinaloa	GPA: 99/100
08/2018 - 06/2019	High School - Universidad Tecmilenio Los Mochis	GPA: 99/100

2 Projects

In-Trend Website - 2023 Worked closely with a professional Web designer to implement a responsive landing page for a Make-Up business company in the UK. Achieved a near-perfect LightHouse performance score by using various optimization techniques. Collaborated with another developer using Git & GitHub to implement various features such as carousels & scrolling animations. Used serverless functions to integrate with an API for sending emails. (Vercel, Astro, TailwindCSS, TypeScript, GitHub, HTML, CSS, SendGrid) <https://www.in-trend-ltd.com/>

Ecoa Survey - 2023 Led a team of 5 to develop a new version for ITESM's (my school) primary satisfaction survey as part of the Software Construction class. Collaborated with others using Git, designed the architecture for the application, reviewed my peers code and gave useful feedback, established code-guidelines and style-checks for consistency across the codebase using GitHub actions. Responsible for the development of a major part of the Back-End & Database Schemas, as well as for integrating all of the core-technologies together by providing API's for the frontend to consume. (JavaScript, MySQL, Unity, HTML, CSS, Node.js, API) <https://github.com/pedroalonsoms/ecoa>

Sinaloa Covid App - 2021 A dashboard with statistics about the pandemic. Implemented a WebApp that included a map, graphs and tables, all using a JSON Static API Server that updated daily. Improved first-page-load time and optimized map-related performance issues. I met with the municipal president of my community. Based on an already existing government page and data. It got 5K views approximately. (TypeScript, JavaScript, HTML, CSS, Python, Node, JSON, React, Regex) <https://sinaloa-covid-app.netlify.app/>

Laika Website - 2022 Represented a team of 4 that developed a website for managing homeless animal adoptions, as part of a school summer project for a non-profit organization. Implemented CRUD operations on a database, image uploading, authentication, protected routes, generating PDF's and filtering data. Learned to deploy to a virtual server on AWS Lightsail by using the linux terminal. Configured custom domain and subdomain names. Based on an already existing app. The server needs to be restarted occasionally due to current memory leaks. (Node, Express, JavaScript, HTML, CSS, MongoDB, Linux, AWS) <https://admin.fundacionlaika.org/> Password: invitado

Syntax Highlighter for C++ - 2023 Collaborated in a team of 3 to develop a syntax highlighter for the C++ language that generated an HTML output file with the keywords in a different color, as a part of a school project. (C++, RegEx, HTML, CSS, ReplIt)

3 Work Experience

Shopify Agency - 2023 Worked in a Shopify web-development freelance agency with my roommate. Interacted directly with various clients discussing & negotiating requirements, proposing new approaches and receiving everyday feedback. Worked closely with a designer to implement new features to existing Shopify codebases and also implemented new ones from scratch. Figma, HTML, Liquid, CSS, JavaScript, JQuery, SlickJS.

4 Extras

Gold medal on Sinaloa's Math Junior High School State Competition ONMAPS
Silver medal on Sinaloa's Math Junior High School State Competition ONMAPS
Azure Data Fundamentals Certification