

Mateo Bernasconi Vargas

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mateo-portfolio.com

EDUCATION

Instituto Tecnológico de Estudios Superiores de Monterrey

B.S. in Computer Science and Technology

Aug. 2021 – June 2025 (Expected)

Guadalajara, MX

GPA: 97/100

WORK EXPERIENCE

Online Course Provider Web App | Aporia Education

Feb. 2022 – April 2022

Worked with two other developers to build a web app for a local education startup

- Used the **Vue.js** javascript framework to create a responsive front-end
- Improved catalog page loading time by implementing paginated scroll
- Created admin and teacher statistics panel using **chart.js**
- Built a course creation component with the ability to add activities, photos, and upload pdf files
- Used **Axios** for **REST API** calls and added payment processing with Stripe

Logistics Web App | ESTO Soluciones Integrales

July 2021

Increased productivity for construction company by more than 15% by creating a logistics Web App

- Implemented similar features to Report and Run tailored to the clients needs
- Integrated **MongoDB** as database to store user information, pending tasks and reports
- Used **Vue.js** to create a calendar and task/report visualizer component
- Created **REST API** endpoints for CRUD operations using **Express.js**

PROJECTS

SmartBrain Web App

July 2022 – Aug. 2022

*Developed a facial recognition full-stack web app using **PERN** stack*

- Implemented Clarifai API to use their image recognition AI model
- Created REST API and setup server with **Node.js** and **Express.js** for user authentication
- Created component with **React** that displays boxes over all faces recognized on images

E-commerce Web App

Sept. 2021 – Nov. 2021

*Developed a fully functional website using the **Django Python** based web framework*

- Implemented user authentication with email verification and forgot password
- Created add to cart functionality that saves items in their account
- Built front-end with **Bootstrap** and used PayPal API for payment processing

VOLUNTEERING

Teaching Scratch at orphanage "Casa Varones"

Oct. 2020

- Taught young teens basic computer science fundamentals using Scratch

TECHNICAL SKILLS

Programming Languages: Python, C++, HTML/CSS, JavaScript

Frameworks/Technologies: Vue.js, Django, Express.js, React, Matlab, Bootstrap, PostgreSQL

Development Tools: Git, GitHub, VSCode