

# Diego Abdo Velásquez

 [LinkedIn](#) |  [diegoabdo.com](#) |  [diegoabdov@gmail.com](mailto:diegoabdov@gmail.com) |  [GitHub](#)

## EDUCATION

---

### Tecnológico de Monterrey | Mexico City

Aug 2022 - Present

Computer Science and Technology Engineering: 95 / 100 GPA

## EXPERIENCE

---

### Stride | Software Developer

Sep 2024 - Present

- Participated in the development of a web application to manage clients, agents, and internal operations for a motorcycle financing company.
- Developed an interface to display the hierarchical structure of employees using a recursive tree view.
- Created a module for generating employee bonuses based on conditions and performance variables.
- Built a client-to-agent assignment process that considers factors like distance and collection difficulty, with an interactive map showing the assigned agent for each client using color codes.
- Implemented asynchronous processes in Flask to run assignment scripts in the background, preventing UI blocking during intensive tasks.
- **Technologies Used** - Typescript | React | Python | Flask | Tailwind

### Alegro Montessori | Freelance Contract Project

Apr 2024 - Aug 2024

- Developed a dashboard and web application for a school with over 500 students, aimed at improving administrative efficiency and the user experience for students, teachers, parents, and staff.
- Implemented features such as student management, role-based authentication and authorization, advanced filtering and search, user profile management, and class scheduling.
- **Technologies Used** - Typescript | React | Next.js | PostgreSQL | Prisma ORM | Tailwind

### LiftU | Freelance Contract Project

May 2021 - Jul 2021

- Designed the database and developed the full backend of a job portal using Django, including authentication, user management, business and job logic, and search with filtering.
- **Technologies Used** - Python | Django | PostgreSQL | HTML | CSS | Javascript

## PROJECTS

---

### Trading Card Video Game (Unity, Node JS, MySQL) - [GitHub](#)

Feb 2024 - May 2024

- Developed a collectible card game in Unity featuring turn-based combat, nation-themed decks, and unique abilities for each character.
- Implemented enemy AI using DFA algorithms and a Node.js backend with MySQL for data management.

### E-commerce Web Application (React, Django, PostgreSQL) - [GitHub](#)

Dec 2021 - Jan 2022

- Developed an e-commerce web application with React, including product filtering, search, sorting, and JWT-based authentication using Django REST Framework.

## SKILLS

---

- **Programming Languages:** Javascript, Python, Typescript, C++, C#, HTML, CSS, Elixir.
- **Technologies and Frameworks:** React, Next, Tailwind, Node, Express, Flask, Django, GitHub, SQL, Unity.