

ALFREDO DOMINGUEZ

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[GitHub](#) · [Tech Stack](#) · [Website](#) · [LinkedIn](#) · [Tijuana BC](#)

Striving to contribute towards improving processes by harnessing technologies. Believer in continuous improvement and better ways to do things in our day-to-day life. Open for work specifically as a software developer JR.

SKILLS

Computer Science Foundation | Logic Gates • Binary Trees • Algorithms (Search, Sort) • Data Structures • OOP
Technologies | REST API • ReactJS • Maven • PostgreSQL • Docker • NestJS • Bootstrap • NodeJS
Computer Languages | C++ • Java • Python • JSON • HTML • JavaScript • CSS • TypeScript • SQL • XML
IDE/DE/CLI | Visual Studio Code • IntelliJ • Vim • Dreamweaver • Bash • Postman • Eclipse • MS Office • Git
Workflow | Fail fast, fail often • Software Development Lifecycle • Problem-Solving
Languages | English • Spanish • French

EXPERIENCE

AGO 2021 – ENE 2022

INFORMATION TECHNOLOGY INTERN, NORMA GROUP

Created an SDK to manage an SQLite Database, gained insight of software as a service high-level integration.

- Networking TCP/IP, Computer Architecture, Client-Server, OSI & TCP, VLANs, domains, HTTP requests.

PROJECTS

ENE 2022

SORTING ALGORITHMS VISUALIZER | FRONT-END, TJ

- Interactive [Sorting Algorithms Visualizer](#), bootstrapped with bootstrap & React.js, and manipulated the DOM. Algorithms include: Merge, Selection, Bubble, Heap, Quick and Insertion.

FEB 2022

FOOD APP | FRONT-END, TJ

- [Food application](#) to query over millions of recipes by consuming the edamam REST API. Deployed with azure web apps. React.JS as a front-end library. Django back-end construction in progress.

FEB 2022

ALGORITHMIC TRADING SYSTEM | BACK-END, TJ

- Algorithmic Trading System coded in Typescript harnessing NestJS modularity. On top a PostgreSQL database container imaged with Docker compose, in a small team environment.

EDUCATION

AGO 2019 - SEP 2021

SUSTAINABLE ENERGIES TECHNICAL DIPLOMA, TECHNOLOGICAL UNIVERSITY OF TIJUANA

Learned about data types, functional programming, conditional statements and operators. Additionally, created a cleaning robot prototype. GPA 9/10.

ACTIVITIES AND LEADERSHIP

Interests | Electric cars, reading, cycling, software. Lead a robotics project team in university.