

# ALFREDO DOMINGUEZ

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[GitHub](#) · [LinkedIn](#) · [Tijuana BC](#)

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

## SKILLS

**Technologies** | APIs • Microservices • GitHub • React • Selenium • Appium • SQLite • Docker • TCP/IP • HTTP requests

**Computer Science Foundations** | Logic Gates • Binary Trees • Algorithms (Search, Sort) • Data Structures

**Programming/Scripting** | C++ • Python • JSON • HTML • CLI • .NET Framework • JavaScript • CSS • TypeScript

**IDEs/DEs** | Visual Studio Code • IntelliJ • Vim

**Workflow/Soft Skills** | Fail fast, fail often • Software Development Lifecycle • Prioritization • Problem-Solving

## EXPERIENCE & PROJECTS

AGO 2021 – ENE 2022

### INFORMATION TECHNOLOGY INTERN, NORMA GROUP

Created and managed a local SQL Database, gained insight of software architecture and analyzed software/hardware integration.

- Networking, Computer Architecture, Client-Server, Database Administration, Data Analytics.

ENE 2022

### SORTING ALGORITHMS VISUALIZER, TJ

- Interactive [Sorting Algorithms Visualizer](#), bootstrapped with React.js and deployed using Node.js GitHub pages package.

ENE 2022

### ALGORITHMIC TRADING SYSTEM, TJ

- Server-side Algorithmic Trading System using Typescript and running with the NestJS framework (In progress).

## EDUCATION

SEP 2021

### SUSTAINABLE ENERGIES TECHNICAL DIPLOMA, TECHNOLOGICAL UNIVERSITY OF TIJUANA

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

## ACTIVITIES AND LEADERSHIP

Interests | Robotics, reading, cycling, software and any new technology. Lead a tech team in university.

Languages | English • Spanish • French