ALFREDO DOMINGUEZ

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GitHub · 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 Foundations | Logic Gates • Binary Trees • Algorithms (Search, Sort) • Data Structures

Technologies | REST APIs • GitHub • React.JS • Selenium • PostgreSQL • Docker • Nest.JS • Bootstrap • Node.JS

Computer Languages | C++ • Python • JSON • HTML • CLI • JavaScript • CSS • TypeScript • SQL •

IDEs/Des/CLI | Visual Studio Code • IntelliJ • Vim • Dreamweaver • Bash

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

Languages | English • Spanish • French

EXPERIENCE

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.

PROJECTS

ENE 2022

SORTING ALGORITHMS VISUALIZER, TJ

- Interactive Sorting Algorithms Visualizer, bootstrapped with React.js and deployed using GitHub pages package.

FEB 2022

FOOD APP, TJ

- Food application to query over millions of recipes by consuming the edamam API. Deployed with azure web apps. React.JS as a front-end library.

FEB 2022

ALGORITHMIC TRADING SYSTEM, TJ

- Back-End Algorithmic Trading System coded in Typescript and NestJS running on PostgreSQL imaged with Docker compose, in collaboration with an experienced programmer.

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 robotics tech team in university