Maximiliano Alvarado

Self-driven analytical developer with strong abilities to learn fast, multi-task, team build, and provide creative solutions.

CONTACT

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EDUCATION

B.S. Mathematics - Data Science
Computer Science Minor
University of Houston
August 2019 - May 2023
Houston, TX

COURSES

Data Science and Machine Learn
Data Science and Stats Learn
Database Systems
Differential Equations
Algorithms and Data Structure
Programming and Data Structure
Software Design

SKILLS

C++ *(Experienced)*
HTML / CSS *(Experienced)*
Bootstrap *(Experienced)*
R *(Experienced)*
SQL *(Experienced)*
Angular *(Experienced)*
Power BI *(Experienced)*
Microsoft Excel *(Experienced)*
C# *(Proficient)*
ASP.NET *(Proficient)*
Typescript *(Proficient)*
Javascript *(Proficient)*
MATLAB *(Novice)*
Python *(Novice)*
Git *(Novice)*

Spanish

PROJECTS

www.AldineAmerica.com *(May 2023)*

- Developed & deployed a full-stack website using Angular, MSSQL, and ASP.NET Core Web API for a small business.
- Included features like User Authorization, Data Entry Forms, Data Modification, Data Filter/Search, and more.

Art Museum Database Systems Project *(Nov. 2022)*

- Collaborated with a team to develop a database system and website using Microsoft SSMS and ASP.NET.
- Focused on SQL functions to create User Roles, Data Entry Forms, Data Views, Data Reports, and SQL Triggers.

NBA Players Data Analysis Project *(Dec. 2022)*

- Collaborated with a team analyzing a dataset of 11,842 NBA players with 14 variables to predict a player's draft round.
- Focused on using supervised learning methods with RStudio like KNN, SVM, and LOOCV to train and validate data.

WORK EXPERIENCE

Hollander Specialist - *America Auto and Truck Salvage (May 2020 - Current)*

- Experienced in working with a comprehensive inventory management software that helps navigate through a database to match car parts to interchange lines.
- Manage data with hundreds of car parts, prepare inventory reports, develop barcodes, and provide customer service.

Automotive Diagnostic Associate - *Total Automotive (June 2017 - Aug. 2019)*

- Assisted in reading, analyzing and documenting automotive diagnostic scan tool data. Produced code reports to clients, provided customer service, and fulfilled hands-on repairs.