ALEJANDRO GARCIA
Data Scientist

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I believe that producing quality results for any task is of the utmost importance. I enjoy solving problems and my love of programming, and machine learning, provides me with the skills needed to gain meaningful insights from data. Aside from solving problems I excel at breaking down complex concepts into simple terms so that the insights gained from my work can be understood by everyone.

TECHNICAL SKILLS

Python - SQL - Applied Statistics - Pandas - Numpy - Matplotlib - Plotly - Machine Learning - Natural Language Processing - Beautiful Soup - Selenium - Apache Spark - Data Storytelling - Git - Jupyter Notebooks - CSharp - C/C++ - Unity

EDUCATION

Codeup

Certificate of Completion   **June 2022**

Fully-immersive, project-based program that develops expertise across the full data science pipeline (planning, acquisition, preparation, exploration, modeling, delivery), and prepares students to be comfortable working with data to deliver actionable insights to diverse stakeholders.

Texas A&M University

Bachelor of Science   **May 2016**
Computer Engineering

EXPERIENCE

Distribution Partner / Trainer

HEB | San Antonio, TX   **2018 - 21**
Supervised and trained new hires in various roles with nearly 100% success rate. Regularly offered recommendations for improving the process flow.

Shipping Clerk

Amazon | San Marcos, TX   **2016 - 18**
Oversaw and streamlined packaging of thousands of customer orders each day.

PROJECTS

Austin Crime Analysis

Classification Modeling & EDA   **June 2022**
Our four member team analyzed crime data from the city of Austin for the years 2018 - 2021 with the goal of identifying indicators of whether or not a case was cleared/solved. We discovered that crime type, location, time of year, and timeliness in reporting the crime were all highly indicative of the clearance status of a case.

Predicting Kepler Exoplanet Archive Disposition

Classification Modeling   **May 2022**
Data from the NASA Exoplanet Archive was used to determine the attributes that distinguish confirmed exoplanets from false positives. A classification model that is robust to new observations was produced and obtained 90% accuracy on unseen data, ~27% better than the baseline.

Predicting the Primary Programming Language for Github Repositories

NLP & Classification Modeling   **May 2022**
Analyzed the README files of 500 GitHub repositories matching the search term "bitcoin" to predict the main programming language. By identifying keywords the programming language could be predicted with 70% accuracy, however, many READMEs provide too little information.

Tech Article Recommender System

Web Scraping, Automation, & Classification   **Ongoing**
An automated article recommendation system that sends a daily email containing links to articles chosen by a classification model.