

GARRETT WILLIFORD

Data Scientist

Adaptive problem solver actively seeking a data science role with the right company, the right product, and the right fit. I'm eager to contribute to a high performing team

EXPERIENCE

PYTHON STUDENT AID 2018

A&M professor student aid for python engineering course held at Alamo Colleges Lakeview. Assisted class of twenty engineering students with integrating mathematical engineering concepts into python programming. Provided instruction and individual tutoring

PIANO INSTRUCTOR 2016-2018

Taught in-home piano lessons for ages 7-70. Averaged between 10-14 individual students a month. Taught group lessons of up to 24 people contracted by the San Antonio Public Library

EDUCATION

CODEUP 2020

Fully-immersive, project-based 20-week career accelerator that provides students with 600+ hours of expert instruction in applied data science. Students develop expertise across the full data science pipeline and become comfortable working with real, messy data to deliver actionable insights to stakeholders

TECHNICAL SKILLS

Python - Selenium - SQL - Pandas - HTML/CSS - Matplotlib - Machine Learning - Batch - Distributed Data - Data Storytelling - Git - Jupyter Notebooks - Anaconda - Tableau

PROJECTS

HEALTH INSPECTION PREDICTIONS

JAN 2020

Creating a machine learning model to predict the health inspection score of businesses using data from the yelp API

KAGGLE DATA SCIENCE BOWL 2019

NOV 2019

Using PBS data from the Kaggle data competition, predicted a child's ability to pass assessments based on measurement and balance games using LSTM model

ZILLOW HOUSING PREDICTIONS

JUN 2019

Developed clustering/random forest regressor model to predict the log error of Zillow's Zestimate

FITBIT DATA ANALYSIS

JUL 2019

Using data from a personal Fitbit, I was tasked with finding the trend/patterns of physical activity, and predicting the next two weeks using time series analysis

CHATROOM

AUG 2016

With Selenium chrome drivers accompanied by tkinter, I created a personal chatroom for friends routing through the pastebin website which allowed real time chat with minimal wait time



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