MOISES FIGUEROA

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SUMMARY

Recent graduate of an intensive Data Science program that focused on machine learning, python programming for data analysis, SQL, and predictive modeling.

SKILLS

TOOLS: Python, Jupyter Notebook, Pandas, DataFrames, SQL, Excel, Tableau, Numpy, Seaborn, Matplotlib, GitHub, Slack, Teams, Databases

DATA ANALYSIS: Machine Learning, Predictive Analysis, Tableau, Statistics, Data Analytics, Data Visualization, Data Cleaning, Model Validation, Exploratory Analysis, Hypothesis Testing, Supervised Learning, Image Classification, Data Modeling, Model Evaluation, Data Analysis, Complex SQL querying

CERTIFICATIONS: MOS 77-728: Microsoft Office Specialist: Microsoft Excel 2016 Expert,
MTA 98-364: MS SQL Server DB Fundamentals, Tableau Desktop Specialist

PERSONAL PROJECTS

Predicting Tennessee Graduation Rates - github.com/mf11y/Tennessee_Graduation_Rates
- Using features of Tennessee High Schools such as demographics, expenditure per pupil, and chronic absenteeism data, a model was developed to predict graduation rates
- The result was a Ridge Regression model that had a mean absolute error of ~2.5%
- Tools: Python, Pandas, Sklearn, Matplotlib, Numpy, Pickle
- Analytical Methods: Regression, Random Forest, Data Cleaning, Preprocessing, Modeling, Exploratory Analysis, Data Visualization, Cross Validation, Model evaluation

Facemask Detection - github.com/mf11y/Face-Mask-Detection
- Designed a Convolutional Neural Network to detect if a face is wearing a facemask
- The result of modeling was a Convolutional Neural Network that achieved 98% accuracy on test data
- Tools: Python, Pandas, Keras, Numpy
- Analytical Methods: Image Classification, Data augmentation, Convolutional Neural Networks, Deep learning

Tableau Dashboards - public.tableau.com/profile/moises.figueroa
- Developed various data visualizations on a variety of topics using Tableau

WORK HISTORY

Springboard, *Data Science Student*   10/2020 - 04/2021
- 550+ hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 2 in-depth capstone projects. Mastered skills in Python, SQL, data analysis, data visualization, hypothesis testing, and machine learning.

Uber | Uber Eats, *Driver*   02/2019 - 10/2020

TrialWorks, *Software Support Specialist*   09/2018 - 02/2019
- Provided End User Support for the leading Case Management Software for plaintiff-focused law firms
- Developed and maintained internal documentation of resolutions to user issues to enhance future support
- Handled over 10 support tickets daily to address and resolve proprietary software issues as well as issues encountered in users cloud environments
- Aided and educated non-technical users on various aspects of the product

Joe's Custom Wood Finishing, *Wood Finishing Apprentice (temp)*   12/2017 - 09/2018

EDUCATION

Florida State Univesity   07/2012 - 12/2017
Bachelor of Science, Computer Science
Minor, Mathematics
GPA: 3.57/4.0

Springboard Bootcamp   10/2020 - 04/2021
Data Science Career Track