EDWARD JOSEPH

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SUMMARY

Multidisciplinary, driven Data Analyst with a passion for using data to solve real world business problems. Team-oriented individual with the ability to work independently and collaboratively across multiple functions while creating meaningful business solutions. Able to wear many hats and juggle many tasks.

TECHNICAL SKILLS

Tools: Microsoft Office Suite (including Advanced Excel and VBA), Python 3 (Pandas, NumPy, Matplotlib, APIs, Pyspark, Scikit-Learn, etc.), HTML5, CSS, JavaScript, R, Tableau, Spotfire, Hadoop, Bloomberg
Databases: SQL, Mongo

PROJECTS

Machine-Learning Wine Rating Predictor - https://github.com/Dan-Bruen/Wine-Predictions
- Collaborated in a team to create a machine learning model from a Dataset using a count vectorizer in python that could predict the rating of a wine based on a few features such as description, country, variety, and price.
- Then deployed this into a html web app that users could enter information into to get a predicted rating.

NYPD Crime Dashboard - https://github.com/edjoseph360/nypdcrimedata
- A team project with the purpose to uncover patterns and metrics in criminal activity around New York City. Examined relationships between types of crime and location; crime rates and gender; trends in crime rates over age group; and related questions.
- Created visualizations of our findings using Plotly and Leaflet in JavaScript and deployed them into a html webpage.

Discord-bot - https://github.com/edjoseph360/discord-bot
- Created a bot for my personal discord server to help me moderate it. Used the Discord.py library to build it in python. Integrated a Reddit API into it with their Praw library to be able to have the bot send reddit posts.
- The bot can clear messages, kick/ban people, play simple games such as rock paper scissors and 8 ball, as well as many other things!

EXPERIENCE

3j Medical   July 2018 – Present
Financial Controller
- Oversee all of the company's tax related liabilities.
- Conduct profitability analysis for existing and new product lines, which has led to the launch of two new successful product lines.
- Reconcile bank statements and financial reports, including income statement, cash flow statement, and balance sheet.
- Process invoices, purchase orders, and spreadsheets.
- Manage operational planning and logistics by managing staff, equipment, and company systems.

Tryp by Wyndham Hotel   February 2018 - July 2018
Accounting and Finance
- Managed the accounts payable and accounts receivable for the 'Tryp by Wyndham Times Square South Hotel' and 'Gastro Bar and Restaurant'.
- Created daily revenue reports for the owners and partners of Tryp Times Square South.
- Calculated taxes and made tax payments for various forms of state and federal tax, including payroll and sales tax
- Ensured compliance with audits and internal/external investigations.
- Created an efficient payroll and clock-in system for 3 different companies to ensure employees were accurately paid and hours were accurately tracked.
- Managed Gastrobar Restaurant's marketing, staffing, and restaurant policies.

South Shore Mortgage   May 2015 - August 2015
Assistant File Manager

- Checked credit reports of clients to manage credit risks and consider mitigants in an effort to protect the firm's capital.
- Approached potential clients to capture their business, ultimately bringing in 11 million dollars worth in business to the firm.
- Aided clients in finding financial solutions that meet their unique situations.
- Made sure client's files had all necessary documents and were in regulatory compliance with state regulations.

EDUCATION

Fordham University - Gabelli School of Business, Bronx, NY, May 2017
Bachelor of Science in Finance
Minor in Economics
Concentration in Value Investing

Gabelli London Study Abroad Program   August 2015 - December 2015
Columbia Engineering Data Analytics Bootcamp   October 2019 – April 2020
Data Analytics Certificate
- A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.