Sebastian Di Francesco

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Summary

Data analyst with skills in Microsoft excel, statistics, python, databases, web technologies and data visualization, and cloud computing. Increasingly innovative ability is leveraged to solve complex problems involving big data that is sometimes structured and sometimes raw. High motivation due to intellectual curiosity allows for proficient analysis with great attention to detail. Strengths include finding truth within visualizations of big data, as well as, knowing how to efficiently collaborate with different kinds of personalities according to modern psychology.

Technical Data Analytics Skills

Microsoft Excel: VLOOKUP | Pivot Tables | Conditional Formatting | VBA Scripting
Statistics: Modeling | Forecasting
Python Programming: Pandas | Numpy | Seaborn | Matplotlib | SciPy | API Interactions | Social Media Mining I Jupyter Notebook
Databases: Microsoft SQL Server | SSMS | T-SQL | MySQL | MongoDB | ETL
Web Technologies and Data Visualization: HTML | CSS | Bootstrap | Dashboarding | JavaScript Charting | D3.js | Geomapping with Leaflet.js
Cloud Computing: IBM DB2 on Cloud

Projects

Budget Software | https://github.com/sebastiandifrancesco/Budget-Software.git
Stock Analysis | https://github.com/sebastiandifrancesco/Stock-Analysis.git
PyBank-PyPoll | https://github.com/sebastiandifrancesco/PyBank-PyPoll.git
PyCitySchools | https://github.com/sebastiandifrancesco/PyCitySchools.git

Education

Boot Camp Certificate: Georgia Institute of Technology Atlanta, GA   Dec 2020 - May 2021
A data analytics program which taught technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Coursera Certifications:
Data Visualization with Python (IBM) | Data Analysis with Python (IBM) | Databases and SQL for Data Science (IBM) | Python for Data Science and AI (IBM) | Data Science Methodology (IBM) | Tools for Data Science (IBM) | Python Data Structures (University of Michigan) | Programming for Everybody (University of Michigan)

Bachelor of Arts in Cognitive Science: University of Georgia Atlanta, GA   May 2020

Professional Experience

South Carriage Homes Bishop, GA   May 2019 – Aug 2019
Assistant Project Manager

- Managed subcontractors which ultimately expedited the construction of different custom houses
- Consulted with builder on how to properly manage water drainage systems around build sites and then implemented proper systems to prevent against any possible rain damage