MATTHEW HORAN

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PROFESSIONAL SUMMARY

Over Five Years Experienced Python Developer and Data Analyst | Proficient in Python, C#, C++, JavaScript, and VBA | Skilled in SQL Server Management, Microsoft Access | Tableau | GitHub Enthusiast

WEBSITES, PORTFOLIOS, PROFILES

- [LinkedIn](#)
- [GitHub](#)
- [Professional Website](#)

SKILLS

- Data Analysis
- Microsoft Excel
- VBA
- Python
- C#
- SQL
- Microsoft SQL Server
- Tableau
- Data Visualization
- Debugging
- Quality Assurance
- Root Cause Analysis
- Data Cleaning
- Data Integrity

WORK HISTORY

Information Technology Analyst, 01/2023 - 12/2023
Attest Health Care Advisors – Remote

- Developed an Excel program utilizing VBA to scan through hundreds of Excel files and copy varying lengths of columns and rows based on programming logic and combine them into a new Excel Workbook which was formatted, filtered and sorted for ease of user experience all at the click of a button
- Built an Excel workbook that would use VBA code to automate the process of adding up monthly expenses, formatting an expense template document, and email the report to myself and the expense director when a button was clicked
- Debugged VBA code and mastered techniques for improving the VBA and Macro code for performance enhancement and ease of readability
- Performed QA inspections of Excel and Access databases including their VBA code
- Recreated a decade-long Microsoft Access Form used by the business that used VBA code to perform SQL queries based on the auditor's needs and created a sorted and filtered report customized by what options the user selected from the Form's interface
- Took a CBT Nugget class and received a certificate for mastering Microsoft Access
- Developed C# code integrating 64-bit functionality into Access VBA
- Implemented C# program for updating Excel goals efficiently
- Enhanced data management with C# tool for sorting and deduplication
- Created C# Installer for Access databases, enabling multi-user access
- Developed C# program for comprehensive client data processing
- Expanded skills in JavaScript and C++ for web development.

Data Analyst, 05/2014 - 12/2022
Nelson Labs – Salt Lake City

- Took an outdated Microsoft Excel Production planner/tracker and improved the VBA code to capture more relevant data while removing outdated portions
- Make the Excel Workbook more user-friendly and improved automation enabling up to 40% more data collected while also boosting accuracy and eliminating redundancies
- Developed a Microsoft Excel sheet that automated the process using historical data from the company database to calculate the average amount of chemicals needed to balance the PH to be within a required range without going over
- Before this lab analysts guessed the amount of chemicals needed and the ingredients would have to be scrapped if the amount of chemicals went over
- This saved lab analysts hundreds of hours of time and saved the company thousands of dollars
- Orchestrated projects following Lean principles, including providing crucial input to develop a Lean council.

EDUCATION

Certificate: Data Analytics, 08/2022
Coursera - Remote

Bachelor of Science: 06/2018
UNIVERSITY OF PHOENIX - Remote

HOBBIES AND INTERESTS

Over 15 years of Video Editing and content creation for YouTube and TikTok using Movavi, CapCut, DaVinci Resolve, and other software options.

VIDEO EDITING AND SOCIAL MEDIA MANAGEMENT

Over 10 years managing a YouTube channel and 2 years managing TikTok channels including creating content, editing videos and fostering engagement.