Matthew Horan

Contact

- ✉ matthewloganhoran@gmail.com
- ☎ 801-889-8116
- 🔗 LinkedIn
- 🔗 GitHub
- 🌐 Professional Site
- 🌐 Pratice Website

Education

University of Phoenix-Bachelor of Science
Coursera Certificate-Data Analytics

Skills

- Data Analytics
- Project Management
- Analytical Skills
- Data Visualization
- SQL BigQuery
- Microsoft SQL Server
- SQL Light
- Microsoft Access
- Python (Programming Language)
- Amazon Web Services (AWS)
- JavaScript
- Datasets
- Data Research
- Data Collection
- Generative AI
- Presentations
- Technical Support
- HTML/CSS
- Written Communication
- Analytics
- VBA Excel
- Microsoft Office
- Data Cleaning
- C#
- C++
- Agile Methodologies
- Debugging
- Problem Solving
- Collaboration
- Research

About Me

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

Work Experience

Attest Health Care Advisors 2022 – 2023
Software Development and Efficiency Enhancement:
- Designed a user-friendly form using C# to quickly access various programs across the network for time efficiency and organization.
- Developed C# code for integration of 64-bit functionality of Access VBA code.
- Implemented a C# program for efficiently updating goals and accomplishments in an Excel spreadsheet.

Data Management and Tools Creation:
- Enhanced data management with a C# tool for sorting, deduplicating, and alphabetizing table names in Notepad.
- Developed a C# Installer program, allowing users to create unique copies of Access databases and allow for multiple users.

Comprehensive Data Processing:
- Developed a comprehensive C# program that utilized programming logic for searching, extracting, and formatting client data from multiple Excel files.

Access Database Development:
- Created a new Access database for efficient and multi-user conflict-free management of an Excel Tool I built.
- Modified the appearance of many forms, imported macros, and added functionality through VBA and Access tools.

Quality Assurance and Inspection:
- Conducted thorough inspections of Access databases and VBA code according to QA Guidelines.

Skill Development and Training
- Completed an Intensive course for Microsoft Access.

Efficiency Through Automation:
- Automated my monthly expense report creation and sending related emails containing attachments with an Excel Macro.

Continuous Learning and Skill Enhancement:
- Became proficient in JavaScript and C++, building a website and developing personal programs.

Nelson Laboratory-Lab Technician 3 2014 – 2022
Data Analytics:
- Orchestrated projects following Lean principles, including providing crucial input to develop a Lean council.
- Ensured accuracy and attention to detail through lab functions, including formulating liquid medium and operating lab machines. Selected to take on specialty requests due to subject matter expertise.
- Spearheaded the snapshot and production tracker overhaul as a go-to resource with Excel spreadsheets. Enabled up to 40% more data collected while also boosting accuracy and eliminating redundancies.