Matthew Horan

DATA ANALYST

Personal Information

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Skills

Computer-based Skills:

- SQL
- Excel (Macros and VBA, VLOOKUP, Pivot Tables, Conditional Formatting, Cell Formatting, Functions, Charts and Graphs)
- R programming language
- Tableau

Professional Skills:

- Problem-solving
- Communication
- Critical Thinking

Projects

- Established Microsoft Excel spreadsheets that made the time required for the PH process as much as **2.5 times faster.**
- Overhauled spreadsheets used to track production rates to capture up to **40 percent more data** while improving **accuracy** and **removing redundancies.**
- Developed several spreadsheets that I used to accelerate numerous steps throughout the production process and allowed me to **perform over 40 percent more work than the average employee.**

Career Summary

Spending years designing major data-centric projects at work prompted me to achieve the Google Data Analytics certificate and proficiency in SQL, R programming, and Tableau, in addition to becoming exceptional in Microsoft Excel. My Bachelor of Science degree in Psychology provided me with a basic understanding of Statistical analysis. The various projects at work included managing Macros, Conditional Formatting, Complicated formulas, Plotting, and a wide variety of other features. As the senior technician on shift, I've been responsible for solving challenging problems while performing high-quality exceptional work.

Professional Experience

Laboratory Technician 3

Nelson Laboratory May 2014 - Present

Responsibilities:

- Oversee and create projects following Lean principles.
- Thoroughly, with exceptional quality, formulate liquid Medium keeping up with production needs.
- Operate machines for pouring liquid agars into petri dish plates aseptically and while following procedures.
- Specialty request by the laboratory.

Certificate

Google Coursera

Google Data Analytics

Areas of focus:

- Asking the right kinds of questions to solve data-related problems.
- How to approach new data and prepare it for analysis.
- The data cleaning process.
- Create data visualizations.
- Present data to stakeholders.
- SQL, Spreadsheets, Tableau, and R programming.

Education

University of Phoenix

Bachelor of Science in Psychology April 2015 - 2018

Studying human behavior, learning basic statical analysis, and how to apply the scientific method.