

Nick Milliken

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[nick-milliken.github.io](https://github.com/nick-milliken)

Hard Skills

Python
SQL
R
Bash
Tableau
Docker/Hadoop
Jupyter Notebook
Pyspark

Soft Skills

Public Speaking
Communication
Team Building
Analogies
Communication
Team Building

Experience

Python Experience

Wrote functions in Python to split and process data faster through an ML model I wrote for a black box project.

SQL Experience

Problem: Building a Database for The Art of Life Academy LLC to better account for churn rate and student management in supplement to the current software in use.

Findings: Building the database was successful, there were some issues with the ER diagram and connecting everything to allow for effective and fruitful queries. We were able to solve this in a team meeting and mapping everything out in real time with the whole team. Some variable names and connections had to be adjusted/fixed doing this during COVID made meetings difficult but we were able to overcome with Slack and Zoom.

Decisions: The Art of Life ultimately decided to continue to use their current software and use our database on a case by case, as needed instance.

Worked with R on several types of regression, summary statistics, decision tree, roc curve/ auc values and confusion matrices. This was through coursework to build a foundation to utilize these tools in a myriad of datasets.

Legend of Boulder County: 12-time winner Best of the West, Yellow Scene Magazine
2-time winner Best of the West, Boulder Weekly (martial arts academy)

School & Program

Master of Science Business Analytics (MSBA)
University of Colorado Boulder
Boulder, Colorado Graduation: May 6, 2021

Employment History

Owner/CEO The Art of Life Academy LLC -DBA- Vision Quest Marital Arts (09/01/2012–CURRENT)
Program Director Vision Quest Martial Arts (04/10/2004 -07/16/2012)
Pinkerton Security (11/11/2003 – 04/07/2005) Secret Clearance Held
Colorado National Guard Combat Medic (11/11/2003 – 03/27/2007) Secret Clearance Held
Florida National Guard Air Defense Artillery (03/27/2001 – 11/11/2003) Secret Clearance Held

References

Derick Cole: 775-560-6333 -or- derickcole@gmail.com
Anthony Tracy: 303-859-7583