# Nick Milliken

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| **Hard Skills** | **Soft Skills** |
|---|---|
| Python | Public Speaking |
| SQL | Communication |
| R | Team Building |
| Linux | Analogies |
| Tableau | Networking |
| Docker | Empathy |
| Sci-Kit-Learn | Conflict Resolution |
| Data Analytics | Analytical/Entrepreneur Mindset |

## Experience

### Python Experience

**Problem**: Building a model that will help predict the expected time of products to the warehouse as early or late. The goal is to find ways to reduce the early/late costs of holding onto inventory.

**Findings**: I was able to use features that produced results from the ML model to identify manufacturers that had the best on-time delivery rate and the ones that had the worst on-time delivery rate.

**Results**: Recommendations were given on what features and companies should be further evaluated to identify how to replicate qualities from the best manufacturer delivery rates in the worst manufacturer delivery rates and vice versa. Our preliminary results estimated an average savings of $230/order/manufacturer were possible.

### 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.

## School & Program

| Master of Science Business Analytics (MSBA) | Bachelor of Science |
|---|---|
| University of Colorado Boulder | Metropolitan State University of Denver |
| Boulder, Colorado Graduation: May 2021 | Denver, Colorado Graduation: May 2011 |

## Employment History

Programmer Analyst Choreograph (09/2021-PRESENT)
Business Analyst II State of Colorado DPA – DHR (07/2021-09/2021)
Consultant 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
Audra Payne: 303-866-2374 -or- 720-427-2374
Anthony Tracy: 303-859-7583