**SUMMARY**

Operations Analyst with 3 years of experience identifying opportunities to improve data quality and implementing solutions. Skilled at leveraging data insights to drive decision making. Self-taught Python and SQL – applied to current responsibilities of testing and deploying automation solutions at scale for various business units.

**EMPLOYMENT**

**NielsenIQ, *Machine Learning Operations Analyst* 2021-Present**

* Developing APIs (FastAPI Framework) to perform ETL processes on the data warehouse (Oracle, Postgres)
* Lifted 35+ Retailer Product Hierarchies to automation/ML solutions for the US Retail Client Portfolio to contribute to productivity and cost targets in Operational effort (Python, SQL)
* Collaboratively developed, now own, E2E process to migrate Retailer Product Hierarchies from legacy SAS-dependent rule-based solution to Python-dependent ML-based solution to continue current client deliveries into 2022 (legacy shutdown)

**NielsenIQ, *Operations Analyst* 2019-2021**

* Performed analyses on retail measurement data to pinpoint trend breaks, data change threshold breaks, and data coverage gaps to identify and solve data quality issues
* Managed client needs related to data quality concerns and implementation + socialization of data factory enhancements
* Developed and implemented software/tools to automate tasks for data quality validation initiatives for Commercial and Operations Groups reducing manual effort by ~5 hours per week
* Built large E-Commerce Retailers’ Product Hierarchy from the ground up through mapping of NIQ Reference Data, collaborating with client stakeholders, and leveraging our automation solutions

**Kellogg’s, *Customer Logistics Services Analytics Intern* 2018**

* Developed BI Dashboards through data mining (Alteryx) and data visualization (Tableau) to outline cost saving opportunities (~800K/year) via alternate shipping lanes for product distribution
* Supported the Logistics Group through ad-hoc fulfillment of data needs

**Meijer, *Distribution Operations Intern* 2017**

* Performed analyses on operator statistics with focus on relationship between task completion and various performance factors to set labor standards
* Utilized product statistics and attributes to develop slotting decision tree to optimize product flow through the Warehouse’s Central Service area

**Eaton, *Supply Chain Intern* 2016-2017**

* Led initiative to improve the data quality within Eaton’s Oracle 11i ERP System for the North America Vehicle Group by piecing together and uploading mass corrections to the system
* Coordinated with Commodity Managers and IT to standardize work instruction in new product setup to improve data integrity

**EDUCATION**

**Western Michigan University 2014-2018**

Bachelor of Business Administration

**Major**: Supply Chain Management

**Minors**: General Business, Accounting, Business Analytics

**ACCOMPLISHMENTS**

* NielsenIQ: Trust & Accountability Individual (Q1 2021 Spotlight Award Winner)
* NielsenIQ: Fewer, Faster, Bolder Individual (Q3 2020 Spotlight Award Winner)
* NielsenIQ: Simply Excellent Award Nominations (3x Gold, 3x Silver)

**TEDDY JOSEPH ROUSTER**

ML Operations Analyst

**CONTACT**

**Address**

1718 Herrick Ave NE,

Grand Rapids, MI 49505

**Phone**

(734)-787-8522

**Email**

[teddy.rouster@gmail.com](mailto:teddy.rouster@gmail.com)

**SKILLS**

Python

SQL

Excel

Tableau

GIT

Bitbucket

Github

Pandas

Cx\_Oracle

Paramiko

FTPLib

FastAPI

Salesforce

Supervised Learning