

# 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

## 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)