

Robert Charles Wanthouse Jr.

47 High Point Drive
Springfield, NJ 07081
Wanthouser1@gmail.com | (732) 484-2852

EDUCATION

Saint Elizabeth University - Morristown, NJ

Master of Science in Data Analytics

Graduation Date – 2025

Cumulative GPA: 3.9

Montclair State University - Montclair, NJ

Bachelor of Science: Business Administration; Concentration in Marketing and Management

Graduation Date – May 2015

Cumulative GPA: 3.45

WORK EXPERIENCE

Collins Aerospace – Charlotte, NC

February 2023 – Present

Data Manager

- Collaborates with business teams to develop and maintain a comprehensive data catalog across CAS datasets, incorporating relevant business, technical, and operational metadata.
- Utilizes data analyst skills to support various data projects throughout the organization, including data profiling, cataloging, cleansing, and enrichment processes.
- Conducts SQL querying in Databricks to audit user activity and built a dashboard for monitoring data usage requests in Databricks and PowerBI.
- Applies Python coding within Databricks notebooks to identify and tag PII data using Unity Catalog, and reviews user and group information.
- Develops Python scripts to monitor users in LDAP, enhancing data governance processes.
- Built a PowerApp to streamline internal stakeholder access to data groups, facilitating easier data access requests and management.
- Supports data management initiatives and projects by collaborating with Data Owners, Stewards, and Creators, ensuring alignment with organizational data governance standards.
- Works closely with Data Stewards to facilitate data changes, updates, and enhancements within the organization's data management tool.

Realogy Holdings Corp. – Madison, NJ

September 2021 – February 2023

Manager, Data and Insights

- Partners with the Director of Data & Insights, and other business leaders in the organization, to develop data-driven insights and recommendations.
- Collaborates with marketing, operations, product, and agent/broker network teams to understand and prioritize strategic questions, challenges, and inflection points.
- Develops hypotheses and multi-variate A/B tests and leads iterative analysis leveraging both internal and external data sources.
- Provides non-technical leaders with clear, actionable insights and recommendations
- Develops and executes analytical plans that drive business impact across lead generation and Realogy's centrally-led home buying and selling experiences (e.g, lead conversion).
- Builds thoughtful, performant, and automated dashboards, visualizations, and ad-hoc analyses that investigate critical business KPIs.
- Work with technology teams to improve data capture, quality, and governance
- Partners with central Realogy data science team to identify and execute on

- opportunities for advanced analytics and modeling.
- Maintains data dictionary across all RLT systems

April 2019 – September 2021

Operations Team Lead

- Using Selenium and Python, I created code that used data scraping to collect posts from various realtor forums. This data was analyzed in VoyantTools to determine frequently used terms and topics of interest
- Responsible for building quarterly graphs in Google Data Studio, PowerBi, and Tableau using data from Google Analytics to showcase user activity on Realogy brands learning platforms.
- Connected survey platform API to PowerBI to create personalized data dashboards for Sr. Trainers so that they can view their NPS (Net Promoter Scores)
- Designed numerous workflows using Microsoft Flow to automate approval process for ordering course materials
- Worked in Hotjar to compile qualitative data on users logged into the Learning Platform, data was presented to management to show scrolling/click-through data collected from users
- Used SQLite to organize/restructure a number of databases - data was collected from CheckMarket surveying platform

Operations Specialist

- Builds surveys for senior trainers to collect valuable feedback on the courses they train Calculate NPS scores to determine the effectiveness of a course and the value of an instructor's teachings.
- Responsible for invoicing and overseeing contracts between vendors and the headquarters' learning center

Morris County Chamber / Morris County Economic Development Corporation – Florham Park, NJ
July 2015 – April 2019

Economic Development Manager

- Directs the research, compilation, analyses, interpretation, and preparation of data on economic conditions in Morris County.
- Reviews and analyzes economic data in order to direct the preparation of reports detailing results of performed research.
- Utilize completed research and analysis for development of new marketing materials and maintenance of existing marketing information, databases and web sites.
- Maintains a liaison with various local, State, and Federal agencies, coordinating projects with agencies as deemed necessary and appropriate.
- Created and designed email campaigns in order to increase membership growth and fundraising event attendance
- Strategically analyze Google Analytic campaigns to refine and curate content on the web

TechLaunch, LLC. - Clifton, NJ January 2015 – May 2015

Program Assistant

- Support planning and coordination of LaunchPad program and its activities
- Manage marketing related communications through media relations, social media etc.
- Facilitate program enrollment process for startup companies; schedule interviews
- Update company website on a regular basis using WordPress
- Designs and implements marketing materials to ensure public exposure to program offerings

ACHIEVEMENTS

- 2020 Transform Award at Realogy's Learning Center of Excellence - Recipient
- Dean's List at Saint Elizabeth University – **Recipient** Fall 2020
- Certifications: Collaborative Institutional Training Initiative (University of Miami), Web Development, Certificate of Achievement (County College of Morris)
- Leadership Morris Program – **Graduate** November 2017
- Boy Scouts of America Social Media Task Force – **Member** July 2017

- National Society of Collegiate Scholars – **Member** March 2013
- Alpha Lambda Delta National Honor’s Society – **Member** February 2012
- Dean’s List at Montclair State University – **Recipient** May 2011 – January 2014
- MSU Marketing Association – **Member** September 2011 – May 2015
- Boy Scouts of America Program - **Eagle Scout** January 2011

SKILLS

- Experience using: Python (NumPy, Pandas, Selenium), Databricks Lakehouse, Informatica Axon, Informatica EDC, PowerApps, PowerAutomate, SQL (SQLite), Snowflake Data Warehouse, Jupyter Notebook, Tableau, RESTful APIs, Voyant Tools, Google Analytics, Google Data Studio, PowerBI, Adobe CC Suite (Photoshop, Illustrator, Dreamweaver and InDesign), Microsoft Office (Powerpoint, Word, Excel), MailChimp email marketing software, Wordpress, Hotjar, CheckMarket
- Experience with market research and survey building, utilizing programs such as Peoplebrowsr listening dashboards and Qualtrics Surveying Software
- Effective communication and writing skills