

Ryan Pierce

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Education

University of Michigan

Master of Applied Data Science

- Expected Graduation: Aug 2025

Ann Arbor, MI
August 2022 – Present
GPA: 3.5

Eastern Michigan University

Bachelor of Business Administration

- Major in Accounting & Information Systems

Ypsilanti, MI
September 2017 – December 2020
GPA: 3.42

Experience

Ford Motor Company

Data Engineer

- Support development of metrics dashboards to provide insight to business users using Alteryx & QlikSense
- Support migration from on-premises data storage and ETL processes to Google Cloud Platform (GCP) tools for improved scalability, efficiency, and cost savings
- Document learnings and processes to minimize the learning curve for new teammates
- Collaborate with stakeholders to define requirements and data sets for dashboards

Dearborn, MI
March 2023 – Present

Data Governance Analyst

- Develop workflows and programs in Alteryx, SQL, and Python to automate processes to cleanse and aggregate data from various data sources to report metrics
- Assigned as Data Steward for two databases consisting of 300+ tables of data in Hadoop Hive
- Investigate data discrepancies using various endpoints and UIs to compare with results from API calls
- Maintain security policies for users, ensuring appropriate access based on data classifications and roles
- Lead team in transition to BMC Remedy ITSM for requests and incident reports submitted to the team
- Collaborate with teammates to transition the access-provisioning process to Google Cloud Platform (GCP)

April 2021 – March 2023

Army National Guard

Finance/Accounting Officer

- Develop and present financial readiness training across the Brigade consisting of ~1,500 soldiers
- Oversee Army pay, commercial vendor support, disbursement of public funds, auditing, travel allowances, accounting, financial management information systems, and banking

Taylor, MI
January 2021 - Present

Financial Analyst

- Oversaw & executed financial expenditures in compliance with Army regulations to minimize financial risk
- Prepared monthly financial reports and briefings for senior officers & leaders, offering insights and recommendations for optimizing budget allocations using SAP/GFEBS and Excel
- Utilized Defense Travel System to manage travel and reimbursement program for over 900 Service Members and DoD Civilians

Guantánamo Bay, CU
June 2023 – April 2024

Ford Motor Company

Service & Engineering Operations Intern

- Developed dashboards, using R and Tableau, to analyze and visualize data to assist in decision making
- Implemented predictive analytics in Tableau dashboard to forecast future sales
- Integrated HTML, CSS, and JavaScript into program to enhance appearance and quality of dashboard
- Utilized Alteryx to automate various data management processes

Dearborn, MI
June – August 2020

Skills

- Programming: Python, Pyspark, SQL, R, JavaScript, HTML, CSS, VBA, Terraform, and Unix/Linux
- Software: Hadoop/Hive, GCP, SAP, Alteryx, Tableau, MySQL, Excel, QlikSense, and Salesforce.com