

# Justynn L. Hammond

720.810.8226 

Jh.2315@outlook.com 

LinkedIn Profile [Justynn Hammond](#), 

[CAP | LinkedIn](#)

GitHub:

<https://jhamm2315.github.io>

Twitter/Blog/Portfolio 

---

Certified Analytics Professional (CAP) with 7 years of experience in data management, analytics, and strategic planning. Skilled in roles including Rail Data Manager, Clinical Data Analyst, Data Science Consultant, and Transportation Engineer. Expertise in data warehousing, business metrics, databases, and data integration and governance. Currently pursuing a Master's in Entrepreneurship from Jim Moran College of Entrepreneurship at Florida State University.

## Skills

- SQL
- Python
- Databases
- Data Analysis
- Relational Databases
- Computer Science
- Project Management
- Analytical Reasoning
- Statistics
- Database Development
- Advanced Excel
- PowerPoint
- Data Wrangling
- Data Visualization
- Data Management
- Excellent communication skills

---

## Experience

### **2024-Present Data Management Consultant / State of Florida Department of Emergency Management and Emergency Services**

- Performed extensive data manipulation and data standardization tasks, ensuring high data quality and consistency within the ERP system.
- Utilized Python for advanced analytics, developing scripts and algorithms to process and analyze large datasets.
- Employed SQL to query databases, extracting and transforming data for detailed analysis and reporting.
- Leveraged Excel for data validation, preprocessing, and preliminary analysis.
- Created interactive and visually compelling dashboards using Power BI, providing stakeholders with clear insights and actionable information.
- Collaborated with cross-functional teams to understand data requirements, providing solutions that support informed decision-making in emergency management scenarios.
- Continuously monitored data integrity and performed regular audits to identify and rectify discrepancies.

### **2020 – 2023 Rail Data and Supply Chain Manager / OmniTRAX, Inc. - Denver, Colorado, United States**

- Spearheaded comprehensive data initiatives to optimize rail operations, implementing a data warehousing solution using Snowflake.
- Utilized Python packages to do high level analysis and data pipeline management.
- Led the migration of analytics workloads to AWS EC2 and Snowflake, resulting in improved scalability and a 25% reduction in infrastructure costs.
- Utilized PowerBI for creating dynamic executive dashboards, facilitating data-driven decision-making.

#### **2018 – 2020 Sr. Clinical Data Analyst / InnovAge. - Denver, Colorado, United States**

- Collaborate with the Enterprise Data Modernization Initiative committees to prioritize efforts and design the enterprise data modernization architecture framework. Assisting in identifying opportunities for data ingestion and storage solutions to improve business processes.
- Develop and maintain enterprise standards for data ingestion and storage solutions to ensure compatibility and integration of multi-vendor platforms. Ensuring compliance with data security and privacy as directed by the Department.
- Actively participate in Project status meetings and facilitate meetings with technical and program staff. Perform needs analysis, analyze business processes, and assist project team members in all phases of the Project.

#### **2015 – 2017 Transportation Data Engineer / Denver Transit Partners/**

- Acquired and managed large data sets on commuter rail activity and transit vehicle data. Used SQL and SAS to mine complex data sources for operational information and metrics. Managed cloud-based multi-vendor databases and tracked data daily. Played a key role in implementing Positive Train Control technology.

## **Education**

#### **Bachelor's Degree in Communications / Bachelor's degree in Computer Science** - Rogers State University, Claremore, OK (2010-2013)

---

#### **March 2020 Data Analytics in Data Science / University of Denver**

- Bachelor's Degree Computer Science - Applied advanced statistical analysis techniques and machine learning to analyze NBA Real Plus-Minus for the 2020-2021 Regular Seasons. Built a Python package implementing automatic differentiation.

#### **March 2024 Jim Moran College of Entrepreneurship SBME Participant.**

#### **FAMU FANG SBDC SMALL Business Development Participant.**

#### **Certifications:**

- Certified Analytics Professional (CAP)
- Tableau Desktop Qualified Associate Certification
- Data Science Foundations: Data Assessment for Predictive Modeling
- MBA Candidate (2026)

#### **Advanced Algorithms Data Science / Harvard University** Spotify Song Recommendation Project

- Trained random forest model to impute missing genre labels in Spotify's song database (119,064 songs) Built recommendation system using cosine similarity to choose similar songs added to a given playlist.

#### **Sentiment Analysis of Radiology Reports**

- Built NLP tool for detection of presence/absence of medical conditions. Achieved precision and recall levels of current industry standard of rule-based negations detection's approaches.