MARCUS WEBB

DATA ANALYST INTERN

CONTACT

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SUMMARY

Industrial Engineering junior at Georgia Tech (GPA 3.8) with a summer analytics internship at Delta Air Lines. Works in SQL, Python (pandas, NumPy), Tableau and Excel / Power Query; cleaned 8M+ flight records to surface a **$1.2M** pricing opportunity and built a KPI dashboard that cut weekly reporting time by 40%.

SKILLS

SQL
Python (pandas, NumPy)
Tableau
Excel / Power Query
Statistical Analysis
Data Visualization
Data Cleaning • R
ETL Automation
Stakeholder Reporting

EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science (Expected)

08/2023 - 05/2027

Industrial Engineering

GPA: 3.8/4.0

EXPERIENCE

Delta Air Lines — Atlanta, GA

Data Analyst Intern — 05/2025 - 08/2025

Summer analytics internship supporting the Revenue Management team with KPI reporting, data pipelines, and pricing analysis.

- Built a Tableau dashboard tracking 12 revenue and load-factor KPIs for the Revenue Management team, cutting weekly reporting time by 40%.
- Queried and cleaned 8M+ flight records in SQL to flag pricing anomalies, informing a **$1.2M** route-pricing adjustment.
- Automated daily ETL reconciliation across 3 source systems with a Python (pandas) script, eliminating 6 hours of manual work weekly.
- Analyzed fare-class mix across 40+ routes with statistical analysis, uncovering a 7% revenue-per-seat gap closed within 2 quarters.
- Presented data visualization findings to 20 analysts and directors, earning commendation from the VP of Revenue Strategy.

Georgia Tech H. Milton Stewart School of ISyE — Atlanta, GA

Undergraduate Research Assistant — 01/2025 - 05/2025

Undergraduate research role supporting supply-chain and manufacturing analytics studies in the ISyE lab.

- Analyzed supply-chain disruption data in R across 6 scenarios, cutting modeled inventory holding costs by 15%.
- Processed 500K+ manufacturing sensor records in Python, identifying patterns that reduced simulated defect rates by 12%.
- Standardized 20+ raw data exports with repeatable data cleaning steps, trimming dataset preparation time by 30%.
- Produced ggplot2 visualizations for 5 faculty stakeholders, adopted in a peer-reviewed paper submission.