

JUSTIN NAPOLITANO

Jay Bird Baby!

CONTACT

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EDUCATION

BA, Political Science	August 2017
<i>University of Central Florida, Orlando, Florida</i>	
Statistics Specialization	August 2018
<i>University of Central Florida, Orlando, Florida</i>	
Python 3 Specialization	January 2020
<i>University of Michigan, Online</i>	

QUALIFICATIONS

1 dot = 1 year of experience

Lakehouses

BigQuery	● ● ● ● ●
Snowflake	● ● ● ● ● ●
Treasure Data CDP	● ● ● ● ● ●
dbt	● ● ● ● ● ●

Cloud Compute

GCP	● ● ● ● ●
Azure	● ● ● ● ● ●
AWS	● ● ● ● ● ●
Cloud Functions	● ● ● ● ● ●

Data Science Platforms

SQL	● ● ● ● ●
Python	● ● ● ● ●
Julia	● ● ● ● ● ●
Jupyter	● ● ● ● ● ●
SAS	● ● ● ● ● ●
SPSS	● ● ● ● ● ●
R	● ● ● ● ● ●

BI and Data Viz

Excel	● ● ● ● ●
Matplotlib	● ● ● ● ●
Leaflet	● ● ● ● ● ●
Seaborn	● ● ● ● ● ●
Looker	● ● ● ● ● ●
Plotly	● ● ● ● ● ●
Power BI	● ● ● ● ● ●

Graph Analysis

NetworkX	● ● ● ● ●
Neo4j	● ● ● ● ● ●

Algorithms and Statistics

Seasonal Forecasting	● ● ● ● ● ●
(Non-) Parametric Testing	● ● ● ● ● ●
Topic Modeling	● ● ● ● ● ●

AI Development

RAG	● ● ● ● ● ●
Agentic Model Design	● ● ● ● ● ●

EXPERIENCE

Data Engineer	Aug 2025 - Present
<i>AdventHealth</i>	<i>Orlando, Florida</i>
<ul style="list-style-type: none">Design and maintain SQL- and Python-based data pipelines that move Epic Clarity and EDW data into curated marts for clinical and operational reporting.Productionize heart failure and readmissions metrics—including I/O compliance, GDMT discharge, EF capture, and O/E mortality—used in enterprise Power BI dashboards.Collaborate with clinicians, finance, and IT to scope data engineering requirements, improve data quality, and document metric definitions for governance.	
Business Analyst II	Jan 2025 - Aug 2025
<i>AdventHealth</i>	<i>Orlando, Florida</i>
<ul style="list-style-type: none">Partner with clinical and operations teams to define data requirements for performance and quality improvement initiatives.Design SQL-based reporting pipelines and Power BI dashboards for inpatient care and readmissions metrics.Support data validation and reconciliation efforts across Epic Clarity and enterprise data warehouse (EDW) environments.Contribute to cross-functional analytic projects focused on cost reduction, patient outcomes, and digital health integration.	
Analytics Engineer	Apr 2022 - Apr 2024
<i>Penske Media Corporation</i>	<i>Los Angeles, California</i>
<ul style="list-style-type: none">Owned analytics and data engineering for a portfolio of 30+ media brands, building Python- and SQL-based pipelines in GCP and Looker to deliver subscriber and content performance reporting.Fine-tuned large language models and evaluated AI/data vendors, improving generation quality by ~10% and informing \$5M in platform investment decisions.Increased subscription conversion and retention by modeling first-party behavior on billions of records in Treasure Data CDP and pushing high-value segments into targeted campaigns.Advised senior executives at brands such as Rolling Stone and Billboard on audience and content strategy, supporting ~\$1B in annual revenue.	
Independent Data Consultant	Jan 2020 - Apr 2022
<i>BTJN</i>	<i>Houston, Texas</i>
<ul style="list-style-type: none">Implemented two customer data platforms to improve audience segmentation and campaign targeting for 2M+ high-value prospects.Migrated three legacy systems to GCP, doubling data processing speeds and streamlining analytics workflows.Automated email marketing pipelines that converted 10% of 5,000 cold leads into qualified clients.	
Research Assistant	Jan 2018 - Aug 2019
<i>University of Central Florida</i>	<i>Orlando, Florida</i>
<ul style="list-style-type: none">Designed a rubric for coding international human rights violations using statutes from major global treaties.Led a five-person research team to develop an open-source MySQL database documenting systemic abuses across global conflict zones.Co-authored an analysis on gender-based violence published by De Gruyter and presented at the International Criminal Court in The Hague.	