

JUSTIN NAPOLITANO

Collaborative Data and Analytics Engineer Dedicated to Building Rigorous Analytic Workflows



CONTACT

- personal.jnapolitano@gmail.com
- 832-446-8685
- jnapolitano.com
- github.com/justin-napolitano
- linkedin.com/in/justin-napolitano

EDUCATION

BA, Political Science **Aug 2018**
University of Central Florida Orlando, Florida

TECHNICAL SKILLSET

Data Platforms

BigQuery

Treasure Data CDP

Snowflake

Cloud Providers

GCP

Azure

AWS

Analytical Tools

SQL

Python

SAS

SPSS

AI Development

OpenAI

Azure AI

RAG Application Design

CORE PROFICIENCIES

Business Intelligence

Stakeholder Education

Executive Engagement

Data Engineering

Data Visualization

Vendor Evaluation

DIGITAL STRATEGY EXPERTISE

Search Engine Optimization

CDP Development

Customer Segmentation

Targeted Advertising

Digital Subscriptions

Social Media

Syndication Strategy

Traffic Analysis

Customer Journeys

Email Marketing

DIGITAL ANALYTICS TOOLBOX

Google Analytics

SEMrush

Comscore

CDS Global

Google Search Console

Zuora

Shareablee

Moz

Piano

Hotjar

Dun & Bradstreet

Swoogo

Cxense

EXPERIENCE

- Data Engineer & AI Analyst**

April 2023 — April 2024

Penske Media Corporation

LA, California (remote)

 - Conducted comprehensive evaluations of AI and data vendors to assess their technical capabilities, cost efficiency, and alignment with business objectives in order to inform executive decision-making.
 - Engineered and fine-tuned large language model (LLM) applications deployed on Azure to support generative AI integrations within WordPress.
 - Identified AI-driven business opportunities by collaborating with executives and editors to inform strategic shifts in content creation and distribution.
- Media Strategist & Analytics Engineer**

April 2022 — April 2023

Penske Media Corporation

LA, California (remote)

 - Established key performance indicators (KPIs) for audience marketing and subscriptions teams, developed an extensive reporting infrastructure in Google Cloud Platform (GCP), and provided executive-level training on their implementation and analysis.
 - Collaborated with the Chief Editors of Rolling Stone, Fairchild Media, and Billboard Español to develop and refine social media, SEO, and publishing roadmaps.
 - Acted as the lead liaison between the data and SEO teams, built robust reporting workflows to uncover news cycle trends, and advised the SEO team upon the impact of algorithm changes across the Penske portfolio.
- Independent Consulting**

May 2021 — April 2022

BTJN, LLC

Houston, Texas

 - Optimized marketing strategy by developing and implementing Customer Data Platforms (CDP) to accurately identify and target high-value potential customers.
 - Enhanced analysis pipeline efficiency by migrating legacy systems to Google Cloud Platform (GCP) resulting in improved data processing speeds and reduced operational costs.
 - Automated email marketing initiatives, leveraged data-driven insights to create and distribute highly targeted newsletters, increased customer engagement and conversion rates.
- Research Assistant**

Jan 2018 — Aug 2019

University of Central Florida

Orlando, Florida

 - Led a data team to track and document human rights abuses against civilians in conflict zones maintaining rigorous standards for accuracy and completeness.
 - Developed an international human rights law rubric based on international treaties to enable research assistants to systematically code and analyze abuses.
 - Prepared studies uncovering novel findings of abuse against women presented at The Hague and subsequently published by De Gruyter.

PUBLICATIONS

- Turkish Kurdish Analysis Database

Peace Economics, Peace Science and Public Policy vol 25, no. 4, pp. 36

Demet Mousseau, **Justin Napolitano**, Alex Olson

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