

JUSTIN NAPOLITANO

Collaborative Analytics Engineer Dedicated to Rigor and Transparency



CONTACT

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EDUCATION

BA, Political Science

Aug 2018

University of Central Florida

Orlando, Florida

TECHNICAL SKILL SET

Data Platforms

BigQuery

Treasure Data CDP

Snowflake

PostgresSQL

MySQL

Neo4j

Analytical Tools

SQL

Python

Julia

SAS

SPSS

Cloud Providers

GCP

Azure

AWS

BI & Data Visualization

Looker

Seaborn

Plotly

Matplotlib

Software & Application Development

Flask Web Apps

Java Development

CORE PROFICIENCIES

Data Engineering

Data Visualization

Enterprise Scale Data Analysis

CDP Development

Workflow Automation

Revenue Forecasting

Executive Education

Vendor Management

Dashboarding

ETL

SUBJECT MATTER EXPERTISE

Audience Marketing

Consumer Behavior

Programatic Advertising

SEO

Content Strategy

Demographic Analysis

EXPERIENCE

Data Engineer & DevOps

Apr 2023 — Apr 2024

Penske Media Corporation

LA, California (remote)

- Identified AI-driven business opportunities by collaborating with executives and editors to inform strategic shifts in content creation and distribution.
- 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.

Analytics Engineer

Apr 2022 — April 2023

Penske Media Corporation

LA, California (remote)

- Collaborated with the Chief Editors of Rolling Stone to steer and refine political content, social media coverage, and SEO strategies.
- 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.
- Acted as the lead liaison between the data and SEO teams, built robust reporting workflows to uncover news cycle trends, and advised the COO directly regarding 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