(832)299-0372
Houston, Texas
justin@jnapolitano.io

Justin Napolitano

Data Analyst / Data Architect/ Developer

GitHub: justin-napolitano
LinkedIn: justin-napolitano

Open source intelligence specialist seeking role requiring analytic skill set. Experienced in developing work flows with Python, SAS, and SPSS. Proficient in feature extraction, integrating data with existing workflows, and visualizing data for peer reviewed academic papers.

Experience

Application Development **May 2021 — Present**
BTJN, LLC *Houston, TX*

- Modeled retail sales with SARINA, Holt-Winter, and Exponential Smoothing models with Statsmodels API.
- Developed Python application to mine 10,000 unfiltered sales leads weekly.
- Extracted data from REST API.
- Transformed results with PySpark.
- Loaded data to Neo4j backend.
- Integrated data into client's existing Google Sheets workflow.

Research Lead/Author **Jan 2017 — Aug 2019**
University of Central Florida *Orlando, Fl*

- Led team to publish work in the Journal of Peace Economics, Peace Science and Public Policy.
- Prepared presentation for peer review at the Peace Science Conference at the Hague.
- Standardized feature extraction and storage methodology.
- Integrated data to mongoDB.
- Completed inferential analysis with Pandas.
- Visualized results with Matplotlib.

Research Assistant **Jan 2017 — Jan 2018**
University of Central Florida *Orlando, Fl*

- Automated sentiment analysis of sentences with Python.
- Verfied user scored sentences against programitic scores with ANOVA testing.
- Standardized data aggregation procedures.

Skills

Tools and Languages:	Azure, Bash, C, Git, Debian, Flask, Python, LaTeX, MarkDown, RHEL, reStructuredText, Scala, Sphinx
Data:	JanusGraph, Matplotlib, Neo4j, Networkx, Pandas, PySpark. SAS, SciPy, Statsmodels, SPSS, SQL
Machine Learning:	Keras, TensorFlow
Communication:	Cantonese, English, French, Spanish, Sranan Tongo

Projects

Docs.Jnapolitano.io

- Sphinx and Latex project documentation.
- Static website generation with Sphinx and Jupyter Book Theme.
- Open source Python tools to interface with Neo4j, JanusGraph, and Google APIs.

Court-Behavior.io

- Open Source project to study the voting behavior of the United States Supreme Court.
- Legal Analyis of jurisprudence and judicial opinions.
- Meta Data mining and feature extraction with Python and Networkx.
- Behavioral predictions with TensorFlow.

Journal.Jnapolitano.io

- Political, business, legal analysis papers.
- Developer tutorials.
- Python alogorithm and data structure reference.

Education

Bachelor of Arts in Political Science , *University of Central Florida* Aug 2018