Justin Napolitano
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Open source intelligence specialist seeking employment in role requiring analytic skill set and strong research ability. Experienced in developing analytic work flows with Python, SAS, and SPSS. Possess knowledge of creating research methodology, managing data integration, and visualizing data for peer reviewed academic papers.

EXPERIENCE

- **BTJN, LLC**   Houston, TX
  Data Application Development   *May 2021 - Present*
  - **Business Reporting and Sales Prediction**: Modeled retail sales with SARINA, Holt-Winter, and Exponential Smoothing models with Statsmodels API.
  - **Application Development**: Developed Python application to mine 10,000 unfiltered sales leads weekly.
  - **ETL Pipeline Management**: Extracted data from REST API. Transformed results with PySpark. Loaded data to Neo4j backend. Integrated data into client's existing Google Sheets workflow.

- **University of Central Florida**   Orlando, FL
  Research Lead   *Jan 2017 - Aug 2019*
  - **Article Publication**: Led team to present publication at the Peace Science Conference at the Hague.
  - **Analysis**: Performed inferential analysis of socio-economic and conflict data.
  - **Database Design**: Defined a third normal database of conflict event records.
  - **Data Integration**: Transformed data from Excel and CSV sources into JSON format to index into MongoDB.

- **University of Central Florida**   Orlando, FL
  Research Assistant   *Jan 2017 - Jan 2018*
  - **Data Administration**: Standardized data verification and aggregation procedures.
  - **Automated Sentiment Analysis**: Compared user scored sentences to ml model scoring to identify errors.

PROJECTS

- **Court-Behavior.io**
  - **Behavioral Analysis**: Predicting Supreme Court voting behavior with Keras and TensorFlow Python APIs.
  - **Inferential Statistics**: Employing Bayesian inferential models with SPSS.
  - **Data Mining**: Extracting metadata from the US Library of Congress. Loading data to JanusGraph database.

- **Docs.Jnapolitano.io**
  - **Project Documentation**: Documenting personal and professional projects with Sphinx and LaTeX.
  - **Python Development**: ETL applications interfacing with Neo4j, JanusGraph, SQL, and Google APIs.
  - **Analysis**: Business, political, and legal analysis with Python, SPSS, and SAS.

EDUCATION

- **University of Central Florida**   Orlando, Fl
  Bachelor of Arts in Political Science   *August 2018*

SKILLS

- **Technologies**: Graph Database, Jupyter, LaTeX, MatPlotLib, Pandas, Python, SAS, SPSS, SQL, TensorFlow.
- **Data Modeling and Analysis**: Sales Forecasting, Political Analysis, Business Analysis, Data Visualization.
- **Spoken Languages**: English, French, Spanish.