Nigel Story

nigelstorydata.com

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Professional Summary

Experienced Data Scientist with a proven track record of leadership and value-added innovation. Skilled at decision making, strong analytical thinking, and adept problem solving. Practitioner of effective, explainable, and repeatable ML.

Experience

Tennessee Valley Authority (Contract)   **Chapel Hill, NC (Remote)**
Data Science Contractor   *October 2022 - Present*

- o Developing NLP model to read condition reports on critical infrastructure and predict risk factors.
- o Building robust anomaly detection model to warn in the event of erosion surrounding dams and utility towers.
- o Conducting presentations and requirement gathering sessions with internal business partners.
- o Expanding Data & Analytics CoE curriculum and teaching training courses.

ThriveDX   **Chapel Hill, NC (Remote)**
Data Scientist   *December 2021 – September 2022*

- o Technical Lead on high company priority machine learning/AI initiatives.
- o Leveraged knowledge of business needs and analytics to identify new machine learning/AI opportunities.
- o Designed A/B testing that resulted in increased conversion and over $1M of additional revenue per cohort cycle.
- o Developed student risk assessment model, exposing over $2M of risked revenue per cohort cycle.
- o Managed the assimilation of data from acquired companies into existing analytics infrastructure.
- o Created job recommender system, utilizing NLP methods to match graduates with employers.

IntraHealth International   **Chapel Hill, NC**
Full-Stack Data Scientist   *May 2021 – December 2021*

- o Lead developer for the READI system, delivering analytics to healthcare systems in developing countries.
- o Created OCR application to ingest hand-written patient records and convert them to actionable data sets.
- o Built Power BI reports to be presented to government agencies, including USAID and PEPFAR.
- o Constructed Azure enterprise data warehouse solution from the ground up.
- o Created big data ELT pipelines with Azure Data Factory and python.

Cos Bar Retail, LLC   **Los Angeles, CA**
Data Analyst, Machine Learning & Data Engineering   *February 2018 – May 2021*

- o Developed Product Recommendation System, improving sales associates' ability to actively sell.
- o Implemented new forecasting methods driving better decision making in finance and inventory planning.
- o Built machine learning application to identify promising real estate opportunities.
- o Created back-office analytics web site and populated it with dashboards and data applications.
- o Pioneered Cross-Platform Data Integration project, building ETL pipelines to combine data from hosted services.

Computational Skills

Programming Languages

Python, R, JavaScript, PHP, SQL, NoSQL (MongoDB), BASH (Linux/Unix), HTML5, CSS3

Technologies

Sci-Kit Learn, PyTorch, TensorFlow, Keras, Apache Spark, SparkML, Microsoft Azure, Azure Data Factory, AWS Cloud (Athena, Glue, EC2, S3), Power BI, Qlik, Jupyter, Git, Jira

Education

University of North Carolina at Chapel Hill   **Chapel Hill, NC**
B.S. Statistics and Analytics   *December 2017*