# Results-driven data professional with statistical analysis, machine learning, and data visualization expertise. Proficient in Python and R, with a track record of developing impactful machine learning models. Effective communicator and collaborator eager to contribute analytical skills to a dynamic team.

# Experience

**Lyndon B. Johnson Hospital – Harris Health, Houston, Texas**Graduate Informatics Analysts Jan 2022-May 2023

* Utilized R and MySQL, as well as artificial intelligence like ChatGPT, to clean datasets.
* Created data visualizations with Python, Tableau, and R Studio.
* Collaborated with researchers and administrators on a five-year data analytic obesity project.

# Education

**The University of Texas Health Science Center at Houston School of Biomedical Informatics, Houston, Texas**Master of Science (MS) in Applied Biomedical Informatics May 2023

*Capstone paper*: Predictive Factors for Obesity Hypoventilation Syndrome (OHS)

# Selected Coursework

# *Introductory*: Introduction to Biomedical Informatics; Foundations of Biomedical Information Sciences

# *Usability*: Health Information Visualization and Visual Analytics

# *Technical*: Applied Data Management

# Technical Skills

* *Expert* in Python (Search Kindred project using NLP), R Studio (OHS project)
* *Skilled* in Microsoft Office including Word, PowerPoint, and Excel; Tableau, MySQL, SQL, and SPSS
* *Basic exposure* to EMR, including Oracle and Epic (Bridges, Link, Willow); HL7.

# Soft Skills

* Teamwork with 5+ years of work projects and Adaptive via establishing a new EMR system.
* Excellent communicator/writer via graduate-level technical writing course and 5+ years of work proposals

# Languages

* English: Native speaker
* Spanish: Conversational

# Continuing Education

* **Coursera**: Natural Language Processing (NLP) using TensorFlow
* **Coursera**: Fundamentals of Big Data
* **Coursera:** Introduction to TensorFlow for Artificial Intelligence, Machine Learning, Computer Vision and Deep Learning

# Professional Memberships

* Data Science Association (DSA) (member)
* Healthcare Information and Management Systems Society (HIMSS) (member)

# Portfolio Projects

* GitHub-hosted portfolio site for data science-based projects

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