

Shaf Malik, RPh, MS

Clinical Informatics

Dedicated, patient service-oriented with 4+ years of Acute, LTAC, and clinical experience, focusing on compliance with state and federal laws and accrediting organizations. Also, a team leader provided clinical expertise to staff and patients, met deadlines, and developed policies/procedures. Using these skills and experiences will allow me to contribute within this organization as a clinical pharmacist for the shared goal of patient-centered care and services.

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EXPERIENCE

Informatics Intern

Lyndon B. Johnson Hospital - Harris Health

05/2022 - 05/2023

Houston, TX

Achievements

- Applied data science principles to help clean data sets using R Studio and SQL database management programs.
- Developed visualizations for data analysis using Python, Tableau, and R studio to determine pattern behaviors and organize data in three weeks timeframe.
- Communicated with researchers, including the lead organizer, data analysts, clinical staff, and administration personnel, to better understand and develop visuals and tables for data representation.

Clinical Pharmacist

Kindred (Acute/LT care)

03/2017 - Present

Houston, TX

Achievements

- Integrated EHR with Pyxis by developing new procedures for use and training a team of 50-plus staff members.
- Managed hospital formulary by forming a committee, which led to a two-thirds reduction in medication costs and decreased inventory costs.
- Initiated process and led team to develop a comprehensive antimicrobial stewardship program, improving antimicrobial use by 50% across the organization.

EDUCATION

MS in Biomedical Informatics

University of Texas Health- School of Bioinformatics

05/2023

Capstone

- OHS re-admission reduction data analysis

Doctor of Pharmacy

Texas Southern University

05/2016

TECHNICAL SKILLS

SQL

Python

R Studio

PowerBI

Epic

Cerner

Six Sigma

Microsoft Office

EHR

Tableau

ML

NLP

DL

Project/Database management

Hadoop

SOFT SKILLS

Teamwork

Problem solver

Patient Education

Results/Detail-oriented

Analytics

Critical-thinking

Excellent communicator

Leadership

CERTIFICATES/LICENSES

TSBP - RPh License # 59488

E-Skills (07/2023)- Applied Data Science

Eudeka (08/2023) - Data Analytics

DATA BASED PROJECTS

Parkinson's disease onset detection (08/2023 - Present)

- Used ML principles to stratify presence of Parkinson's

Resume Parser extractor (09/2023 - Present)

- Build resume extractor with NLP and ML concepts

Sentimental Analysis (10/2023 - Present)

- Use NLTK to assign positive/negative values to words

COVID-19 Dashboard (07/2022 - Present)

- Map of COVID hotspots and analysis

Hospital ranking analysis (08/2022 - Present)

- Analysis and rank of major hospitals in USA