

Rachel. A. Rodriguez

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OBJECTIVE

Motivated and detail-oriented LPN with 10 years of experience leveraging Excel and utilizing various Electronic Health Records (EHRs) and county databases to extract, analyze, and visualize healthcare data. Recently completed the University of Penn Data Science Bootcamp, equipped with strong analytical skills and expertise in Python and SQL. Committed to leveraging my extensive background in nursing and proficiency in data analysis and visualization to contribute to data-driven decision-making and deliver impactful insights in the field of data analytics.

KEY COMPETENCIES

MS Excel

VBA

Access

JSON

Data Visualization

Java Script

SQL

Tableau

Python

NumPy

Pandas

Matplotlib

PROFESSIONAL EXPERIENCE

Bayada Home Care

May 2015 - Present

Field Nurse

- Collaborated with interdisciplinary teams to develop comprehensive care plans tailored to individual client needs.
- Utilized advanced **Electronic Health Record (EHR)** systems to accurately input and manage patient data, ensuring compliance with data security and privacy regulations.
- Administered medications, treatments, and therapies, ensuring accurate dosage and compliance with prescribed regimens.

Infacare Pharmaceutical

Jan 2017 - Dec 2017

Clinical Data Quality Control

- Utilized **SQL** queries to **extract and analyze clinical data** from databases, identifying inconsistencies and resolving data anomalies.
- Utilized **data visualization** tools, to create interactive visualizations and reports for **data quality analysis**, facilitating **data-driven decision-making**.
- Ensuring clinical work meets the government and industry standards

PrimeCare Medical

Sep 2014 - Oct 2016

Assistant Director Nursing

- Implemented robust security measures to maintain the confidentiality and integrity of medical records in both **Electronic Health Record (EHR)** systems and county database systems, utilizing **Excel spreadsheets** to track access permissions and audit logs.
- Ensured strict adherence to applicable pharmacy regulations by leveraging Excel, EHR systems, and county database systems to develop and maintain comprehensive compliance checklists and tracking systems.
- Created **visualization charts and graphs** using Excel, presenting data trends, patterns, and insights for effective communication and decision-making among healthcare professionals.
- Leveraged Excel, EHR systems, and county database systems to record, retrieve, and file medical information in patient records, ensuring accurate and easily accessible documentation, which can be utilized for generating informative visualizations.

PrimeCare Medical

June 2012 - Sep 2014

Floor Nurse

- Employ technical skills to observe, report, and document patient symptoms, reactions, and progress accurately, utilizing **electronic health record (EHR)** systems and specialized software for precise and **comprehensive data capture**.
- Utilize tech-driven solutions to record, retrieve, and file medical information in patient records, employing electronic health record (EHR) systems and **data management software** to ensure **accurate and accessible documentation**.
- Collaborate with interdisciplinary teams, utilizing technical proficiency to participate in the formulation of nursing care plans, incorporating digital tools and data-driven insights for effective decision-making.

InVentiv Health

June 2008 - Sep 2009

Sample Analyst

- Employ **data mining** techniques to uncover patterns, correlations, and anomalies within large datasets, enabling proactive identification of opportunities and potential risks.
- Apply analytical techniques to assess compliance programs, employing data-driven methodologies to test hypotheses, dissect patient data, evaluate program performance, and identify emerging trends.

United States Navy

Oct 2000 - Oct 2005

Aviation Boatswain's Mate

- Served in Operation Enduring Freedom
- Served In Operation Iraqi Freedom
- Awarded the Navy Achievement Medal

EDUCATION

University of Pennsylvania

Data Science Bootcamp

CamTech Wilmington, DE

Nursing School (G.P.A 4.0)

SanFord Brown Institue

Medical Assistant (G.P.A 4.0)

REFERENCES

Available upon request