

JOSE LOBO

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Professional Experience

Envision Healthcare – Business Analyst II

December 2022 – Present

- Build reports/dashboards by using Business Intelligence tools such as Tableau in combination with Python and R scripting languages for litigation purposes.
- Serve as a Tableau server administrator and assist users with access and troubleshooting of reports/dashboards.
- Validate and troubleshoot discrepancies in data by creating and executing SQL queries in dBeaver.
- Optimize data sources by reviewing SQL scripts and refactoring them to decrease runtime speeds and duplications within the data.
- Help to create data source tables within the database to use within reports.
- Use advanced analytics and machine learning concepts with the help of Python, R, and Excel to provide information for leadership and litigation.
- Procurement of datasets from databases for leadership and litigation when needed.
- Adept in the use of task tracking software such as JIRA to manage tasks.
- Accurately report issues and status to leadership

HCA – Data Analyst

April 2022 – December 2022

- Build reports/dashboards by using Business Intelligence tools such as Power BI and Tableau in combination with other software such as Excel, Teradata, and Sharepoint.
- Serve as subject matter expert for assigned products/applications/dashboards.

- Serve as the first-line responder to clinicians in HCA Healthcare hospitals for clinical data products.
- Identify, document, and ensure resolution of production issues by debugging or troubleshooting.
- Help with the implementation and management of security for many reports/dashboards.
- Adept in the use of task tracking software such as Service Central and JIRA to promptly solve issues and manage tasks.

Technical Skills

Operating Systems

- Windows, MacOS

Database/Server/SQL manager

- Teradata, Redshift/AWS, dBeaver, Oracle, Microsoft SQL server, MySQL, SQL Lite, MongoDB

Programming Language

- Python, SQL, R, JavaScript (D3.js included), C++, HTML, CSS, JSON

Other Software/Tools/Concepts

- Experienced with BI tools such as Power BI, Tableau, QlikSense, QlikView and Jupyter notebook
- Microsoft Word, Outlook, Excel, Power Point, etc
- Knowledgeable in other software tools such as Service Central, Sharepoint, JIRA, and GitHub
- Experienced with different coding IDEs such as Visual Studio Code, Atom and Rstudio.
- Knowledgeable in computer hardware and software
- Knowledgeable with the concept of Machine

Learning and have applied it to some projects.

- Experienced with data analysis, data exploration and discovery.
- Experienced with command line prompts
- Experienced with DAX and LOD functions
- Proficient in various EMR software.

Certifications

- October, 2021 – **Machine Learning with Python Certification.**
- October, 2021 – **Data Analysis with Python Certification.**
- October, 2021 – **Scientific Computing with Python Certification.**
- September, 2021 – Front End Development Libraries Certification.
- September, 2021 – **Data Visualization Certification.**
- September, 2021 – Back End Development and APIs Certification.
- Create documentation related to product including requirements and data guides.
- Validate and troubleshoot discrepancies in data by creating and executing SQL queries in Teradata.
- Provide training and support to facility-level users, including planning and leading tool demonstrations, interpreting dashboard data, and assisting in opportunity discovery.
- Facilitate effective communication among all team members and leadership to ensure comprehensive understanding of needs, expectations, and requirements.
- Perform testing and quality assurance for analytics products.
- Accurately report issues and status to leadership.

DCIDS – Process Technician IV

July 2019 – June 2021

- Tissue bank processing and packaging human tissue in sterile surgical setting.
- Proper handling of surgical instruments, power equipment, laboratory equipment, chemical reagents and biohazardous waste.
- Preparing reports and records of processing and

packaging, including graft and anatomical identification, measurements and data entry.

- Proper use of Personal Protective Equipment (PPE).
- Cleaning and sterilization of clean rooms, processing core common areas.
- Testing and environmental monitoring of clean rooms.
- Assist in taking inventory of materials and equipment for processing events.
- Assist in training new hires.
- Assist in research requiring manipulations of tissue and equipment.
- Practice interdepartmental collaboration to ensure allografts orders are met on time.

Amazon - Picker, Packer, Inventory Control Quality Assurance

October 2017 – September 2018

- Retrieve and quality check items for order fulfillment
- Inventory and quality control
- Part of a unified team of associates trying to achieve our nightly goal.
- August, 2021 - JavaScript Algorithms and Data Structures Certification.
- July, 2021 – Responsive Web Design Certification.
- January, 2015 - Basic Life Support (BLS) and Advanced Cardiovascular Life Support (ACLS) certified.
- May, 2014 - Completed training in HIPAA, Infection Control, Needlestick Prevention and Bloodborne Pathogens according to OSHA standards.

Other Professional Skills

Laboratory skills

- Quality control, documentation, strategic

planning, problem solving, thinking independently, organization, multitasking, attention to detail.

- Maintained and calibrated equipment daily reporting instrumentation issue to repair technicians.
- Maintained and monitored sample controls to correctly evaluate all specimen tests, maintaining in-depth lab reports using Excel and other computer software.
- Proficient in light microscopy
- Proficient in handling general chemistry lab equipment and chemicals
- Proficient in reading and performing gel-electrophoresis
- Experienced with a decent amount of animal and human dissections

Bilingual

- Fluent in both Spanish and English.

Kroger - Produce Overnight Associate

October 2017 – February 2018

- Ensure that piece count and invoice matched, check expiration dates, date back stock, check for freshness of produce and help other associates rotate and stock produce for display.
- Assist in marking down of old product and properly managing waste.
- Focused on providing customers with efficient service through answering questions and hands on knowledge of certain produce.
- Trained in Power Industrial Trucks (PIT).

Education

Coursework and clerkships completed

University of Medicine and Health Sciences, St. Kitts

Bachelor of Science in Biology, concentration in Physiology, Minor in Chemistry

Cum Laude

Middle Tennessee State University Murfreesboro, TN

Education in Computer Science with various online sources such as FreeCodeCamp.org and Udemy

(Current Certifications Above)

Educational & Voluntary Experience

- 2008-2009, Push America; Helped build and raised money to construct handicap friendly environments for people who have special needs through fraternal philanthropy projects in Murfreesboro, TN and in Hattiesburg, MS.
- Fall 2008, Rivalry Run; A 5-kilometer run fundraiser that helped raise money for people who have special needs.
- Summer 2010, Premed Internship Program, Jackson-Madison County General Hospital, Jackson, TN. A highly selective program that allowed me to shadow surgeons, physicians, and nurses of different specialties in their occupation in order to learn more about the medical field (254 hours).
- 2010, Food server (worked whenever possible) at a non-profit organization called Regional Inter-Faith Association (RIFA) Soup Kitchen in Jackson, TN.
- 2013-2014, Interned as a medical student in cardiology at St. Mary's Regional Medical Center in Lewiston, Maine.
- 2014-2015, Interned as a medical student in OB/GYN, pediatrics, family medicine, emergency medicine and orthopedic surgery at Dekalb Medical Center in Atlanta, Georgia.
- 2015, Interned as a medical student in internal medicine at Weiss Memorial Hospital in Chicago, Illinois.
- 2015, Stop Hunger Now; A non-profit organization that helps to gather food to feed people around the world.
- 2016-2017, Interned as a medical student in psychiatry, general surgery, emergency medicine, pain management and orthopedic surgery at Dekalb Medical in Atlanta, Georgia.

Presentations and Lectures

January 2017	Five minute talk on the pathology, clinical diagnosis and treatment of Parsonage-Turner syndrome.
March 2016	Lectured on the embryology, anatomy, and pathology of the thyroid gland.
January 2016	Presentation on differential diagnoses for myositis in HIV patients. Five minute talk on how to diagnose infectious endocarditis by using Duke's criteria.
December 2015	Five minute talk on sick sinus syndrome in a clinical setting. Presentation on differential diagnoses for infectious causes of adrenal insufficiency.
October 2015	Presentation on platelet rich plasma and the treatment applications for sports injury.
May 2015	Presentation on differential diagnoses of hypertension during pregnancy. Presentation on the pathology of leiomyomas & its disease process.