

Ryan Breen

Data Analyst / BI Developer

Greenville, SC

Ryanbreen19@gmail.com

Work Experience

Data Analyst

Allegheny Health Network

April 2023 to August 2024

- Created 12 Tableau dashboard reports from client business requirements from a SQL Server Epic medical database
- Achieved *Top Performer* status for obtaining Epic database certification in less than 2.5 months

Clinical Lab Scientist

Prisma Healthcare

April 2021 to October 2021

- Managed quality control analysis and problem solving for coagulation testing maintaining 95% or greater accuracy

Contract Lab Scientist

Aureus Medical LLC

November 2020 to March 2021

- Developed key organizational skills as a contract personnel covering 5 plus analytical equipment during Covid pandemic

Clinical Lab Scientist

Prisma Healthcare

February 2019 to September 2020

- Supervised 15 + staff members for regulatory compliance training and implemented data analysis for new analyzer
- Competent under pressure working in blood banking during emergency situations while critically communicating orders

Contract Lab Scientist

Aureus Medical LLC

June 2018 to December 2018

- Analyzed quality control values for 20 + analytes for clinical analyzers using control charts and specific rules

Education

M.S. in Data Science

Eastern University

June 2021 to August 2022

Relevant Coursework: Programming, Databases, Data Visualization, Ethics, Statistics, Machine Learning, Tableau

Summary: Achieved a 4.0 GPA in rigorous program that applies modern data analyst tools and techniques

B.S. in Medical Technology

University of Buffalo

June 2007 to May 2009

Relevant Coursework: Analytical Techniques, Quality Control, Presentations, Ethics, Calibrations, Correlations

Summary: Achieved a 3.6 GPA in program demonstrating key elements in perform accurate analytical testing

Skills

Databases:

- SQL Server

- SSMS

- ER Diagrams

Analytical:

- Statistics

- Machine Learning

- Quality Control

Organizational:

- Jira / Git Source

- Project Management

- Scrum Agile Methods

Classic Tools:

- Advanced Excel

- Microsoft Office

- Microsoft Teams

Communication:

- Tableau Dashboards

- Formal Procedures

- Presentations

Special:

- Clinical Experiences

- Python/R Programming

- Staff Training

Projects

Eastern University Capstone Database/Application Project — (https://github.com/RyansStacks/Mock_Laboratory)

- 34 pages of SQL and Python code used to create a web application that pulls data from a SQL database
- Web application allows users to create lab orders, updates new information, and produces statistical graphs

Machine Learning Project — (https://github.com/RyansStacks/Classifying_White_Blood_Cells_with_Keras_Deep_Learning)

- Neural Networks (CNN) are used to detect malignancy of white blood cell microscopic images
- Classification model is able to use cell size, color, and texture to detect 99% of malignant cells