

Ryan Breen

Data Scientist

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Greenville, SC

Experience

Senior Data Analyst *Allegheny Health Network* **04/2023 – Present**

- Built multiple Tableau dashboards and more than 20 SQL reports to help drive operations
- Increased cost savings for team by completing 5 Epic certificates in less than 3 months
- Achieved super performer status work appraisal by exceeding 12 month set expectations

Clinical Laboratory Scientist *Prisma Health* **04/2021 – 10/2021**

- Managed quality control coagulation laboratory testing maintaining 95% success rate for values
- Maintained astute documentation for site inspection with 100% compliance by inspectors

Proficient Skills

- SQL Server • Advanced Excel • Tableau • MS Office/365 • Statistical Analysis
- Machine Learning (Python) • Python Programming • R Programming • Staff Training
- Microsoft Power BI /Query • SciKit Learn • Git Hub • Adaptability (learning Pytorch)

Education

Master's in Data Science *Eastern University* **06/2021 – 08/2022**

- Achieved success in mastering Python, SQL, R and Tableau frameworks noted by 4.0 GPA
- Created application hosting laboratory metrics using 34 pages SQL, Python, and HTML code
- Versed in Machine Learning algorithms via SciKit Learn (Random Forest, Neural Networks, Regression Models, Classification, Dimensional Reduction)

Bachelors' in Medical Technology *University of Buffalo* **06/2021 – 08/2022**

- Sustained a 3.6 GPA for program's rigorous curriculum of analytics, biomedicine, and physiology

Projects

Eastern University Capstone Project

- 34 + pages of Python, SQL, and HTML code that facilitates KPI based web applications for labs

Neural Network for Malignant Cancer Cell Imaging

- Python-based Deep Learning (CNN) identifies malignancy with 96% accuracy for cancer images

Predicting Calories using Garmin Fit Data with Regression Models

- Random Forest, Support Vector Machines, and Multiple Linear Regression use to predict calories based on numerous workout factors as tracked by Garmit Fit wearable technology