

Randy A. Stoneroad II

[Portfolio](#)

(254)-247-4274 | rstoneroad2@gmail.com

Professional Summary

Dedicated mathematician with a passion for leveraging data, computing, and mathematics to tackle complex challenges across diverse industries. Excels in collaboration with cross-functional teams to develop innovative solutions and drive operational efficiency. Eager to apply strong analytical skills and technical expertise to contribute effectively to data-driven initiatives. Committed to continuous learning and expanding knowledge in emerging technologies and methodologies.

Education

MS Mathematics

Texas A&M University – Central Texas

(Anticipated graduation: Spring 2025)

BS Biology

Texas A&M University – Central Texas

(Graduated: 2018)

Work Experience

Fikes Wholesale Inc.

Business Systems Analyst

2022 – Present

- Established and managed the company's GitHub repository for centralized code documentation and distribution.
- Designed and implemented automation pipelines utilizing Python, SQL, PowerShell, and virtual machines, streamlining asset management processes.
- Collaborated with IT to optimize SQL queries, enhancing performance and reducing network overhead.
- Led the implementation of new back-office accounting software, overseeing data governance, and reporting module customization.
- Worked closely with stakeholders to improve models by ensuring data quality, validating calculations, and employing empirical methods.

AdventHealth Central Texas

Medical Laboratory Scientist

2021 – 2022

- Orchestrated a project to internalize serous fluid testing through a comprehensive validation study, managing sample sourcing and analysis.

- Partnered with leadership to ensure lab compliance with CLIA guidelines through record review and process evaluation.

Baylor Scott & White Medical Center – Temple

Medical Laboratory Scientist

2021 – 2022

- Validated refrigerator for blood storage in transfusion laboratory, ensuring optimal conditions for blood products to maintain integrity and efficacy.

Baylor Scott & White Medical Center – Temple

Lab Technician I

2019 – 2020

Technologies and Skills

Languages: Python, PowerShell, SQL

Technologies: Git, MS SQL, Spotfire, MS PowerBI, Pandas, Numpy, Sklearn, os, pyodbc, SMTP, Markdown, Excel

Skills: Statistical analysis, regression analysis, time-series analysis, classification, hypothesis testing, professional correspondence