**SUMMARY**

My expertise lies in utilizing data to drive decision-making and optimize business operations. I am skilled in data visualization, modeling, and statistical analysis. I am proficient in the Python and R programming languages, Microsoft SQL Server (T-SQL), Oracle (PL/SQL), and SQL Server Integration Services (SSIS). During my military career, I gained extensive experience in leading cross-functional teams, managing complex projects, and adapting to ever-changing circumstances. I am a proven problem solver with a keen ability to analyze information and develop innovative solutions.

**EDUCATION**

**Syracuse University, Syracuse, NY ……..…………………………………………………………………………………………………….………… In Progress (2023)**

*Master of Science – Applied Data Science (c. Data Pipelines & Natural Language Processing)*

* Current GPA: 3.9

**University of Mary Hardin-Baylor, Belton, TX …….…………………………………………………………………………………………………………………… 2021**

*Master of Business Administration – (c. Healthcare Administration & Information Systems Management)*

* GPA: 4.0
* MBA Program “Outstanding Student Award” recipient.

**Pacific Lutheran University, Tacoma, WA ………..………………………………………………………………..………………………………...………………… 2013**

*Bachelor of Science – Psychology*

* Army ROTC graduate
* Assisted faculty in two social psychology experiments on campus, requiring data entry and statistical programming.

**PROFESSIONAL EXPERIENCE**

**Brunswick Electric Membership Corporation, Supply, NC ……..…………………………………………………….….……………....… Mar ‘23 – Present**

*Data Analyst*

* Lead analyst for the creation and maintenance of multiple analytics tools: Measurement and Verification Model for Voltage Reduction Impacts and Smart Thermostat Regulation, Energy Usage Forecast Model.
* Utilizes tools such as Python, SQL Server (T-SQL), SQL Developer (PL/SQL), and SQL Server Integration Services (SSIS) for data transformation, staging, and ad hoc processes.

**Novant Health New Hanover Regional Medical Center, Wilmington, NC ……..………………………………………….………..… Apr ‘21 – Mar’23**

*Analytics Project Manager/Partner*

* Led the organization’s effort to create ETL processes for two separate projects: one to pull all health insurance payor data into a third party application to properly calculate payor-payee metrics, and the other to properly transfer all supply chain data to our parent organization for reporting integration.
* Effectively managed the creation a patient “length of stay” analytics tool, which identifies critical bottlenecks in the hospital’s system of managing patients as they move from unit to unit.

**United States Army, Various Locations ………………………………………………………………………………………………….…………..… Oct ‘13 – Oct ‘20**

*Medical Operations Analyst/Planner*

* Expertly managed the medical readiness programs across four different organizations, ensuring that all medical treatment and material needs were met.
* Created a medial supply chain analysis tool in Excel that decreased report turnaround time from 24 hours to 2 hours.

**CERTIFICATIONS**

Data Analysis in Python (freecodecamp) | 2021

Scientific Computing with Python (freecodecamp) | 2021

Lean Six Sigma Master Black Belt (LSSMBB) | 2021

Project Management Professional (PMP) | 2020