

# AMARI SWAIN

## Skills

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- SQL (SQL Server)
- Tableau
- RStudio
- Soft Skills (Adaptability, Problem Solving, Leadership, Critical Thinking, Communication, Collaboration)
- Microsoft Office (Word, PowerPoint, Visio)
- Excel (VLookup, Conditional Formatting, Pivot Tables)

## Projects

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### **BREAST CANCER DASHBOARD** – Master's Degree Project – Charlotte, NC May 2023

- Created a dashboard with **Tableau** to help visualize a comparison of 2 hospitals breast cancer statistics.
- Transformed and cleaned datasets by using Excel and SQL to ensure data completeness and validity.
- Provided insights into what may have caused the differences in the facilities spendings.

### **COVID 19 DATABASE** – Master's Degree Project – Charlotte, NC April 2023

- Utilized **SQL** to extract data from 9 different related tables from covid databases using **JOIN** and **VIEW**
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **Tableau** to identify key Covid demographics

### **VARIOUS CRIME ANALYSIS PROJECTS** – Bachelor's Degree Project – Charlotte, NC February 2021 – May 2021

- Utilized **R Studio** to perform various projects and answer questions related to criminal activity
- Performed data cleaning and analysis to successfully identify the leading crimes based on 2018 state data
- Applied regression and machine learning to produce models and compare crime statistics

## Education

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**MASTER OF HEALTH INFORMATICS** – Purdue University – West Lafayette, IN October 2022 – January 2024  
Concentrations: Data Analytics, Operations, Project Management, Legal and Ethical Issues

**BACHELOR OF CRIMINAL JUSTICE** – University of North Carolina at Charlotte – Charlotte, NC August 2018 – May 2021  
Concentrations: Software Development, Crime Statistics, Legal and Ethical Issues

**CANDIDATE OF COMPUTER SCIENCE** – Grand Valley State University – Allendale, MI August 2016 – May 2018  
Kappa Sigma Fraternity – New Member Educator

## Work Experience

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**GARDEN SALES ASSOCIATE** – Home Depot – Charlotte, NC September 2018 - October 2019

- Achieved successful sales performance, cross-selling over 400 products to meet set quotas.
- Demonstrated strong team orientation, contributing to exceptional customer service within a fast-paced retail environment.
- Utilized technical skills, proficient in using a store's POS system to efficiently assist customers with product location and information.

**DELIVERY DRIVER** – Jimmy John's – Charlotte, NC January 2018 - September 2018

- Demonstrated strong management skills, successfully reconciling end-of-shift cash from delivery sales.
- Effective task management, efficiently delivering multiple orders in a timely manner.
- Exceptional communication skills, handling customer interactions, and taking orders.