

EDWARD SATTERLEY

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EDUCATION

Bachelor of Science Information Technology, Data Technology

Spring 2024

University of Cincinnati, Cincinnati, OH

GPA: 3.76

Made Dean's List for Fall Semester of 2021 and Spring Semester of 2021

AREAS OF EXPERTISE

- | | | |
|------------------------|--------------|-----------------------------------------------------------------------------------------|
| ▪ Microsoft SQL Server | ▪ HTML/CSS | ▪ MongoDB |
| ▪ Postgres | ▪ QGIS | ▪ Machine Learning (Decision Trees, Linear Regression, Z Score, Ridge Lasso Regression) |
| ▪ Microsoft Excel | ▪ Linux | |
| ▪ Power BI | ▪ JavaScript | |
| ▪ Python | ▪ KNIME | |

PROFESSIONAL EXPERIENCE

Marathon Petroleum Corporation- Findlay, OH

August 22, 2022 – December 9, 2022

Business Analyst

During the term, I experienced managing other entities within the company, keeping projects and tasks on schedule while completing my own tasks within a quick, adapting SAFE agile team. Main project was to take old SQL accounts on three BLAN databases and convert them into non-expiring active directory groups to ensure better security measures and useability.

- **Conducted meetings** with other business and IT departments within Marathon to ensure each group understood and were working towards the new BLAN security changes.
- **Created active directory groups** within three BLAN databases to get rid of old SQL accounts.
- **Managed the analysis of SQL Users** from old groups when adding them to the new active directory groups biased on roles and permissions to ensure security efforts.
- **Created SQL Views** to return Marathon only data within databases containing third-party data and MPC data to ensure MPC data handlers can only see Marathon data due to security reasons.

University of Cincinnati- Department of Public Safety

First Internship (May 3, 2021 – August 9, 2021)

Second Internship (May 9, 2022 – August 8, 2022)

Crime Analyst Intern

Fulfilled various projects pertaining to data collection, data analysis, and data munging. As well as worked alongside the UC Crime Analyst, Michael Zidar, to help aid within the department when necessary.

- **Produced an analysis report** after manipulating data from a database, using excel functions along with QGIS to produce an articulate report describing trends, factual data, and data-driven predictions.
- **Performed an ETL process** by taking a database in Microsoft SQL Server, connecting the database to an open-source data warehouse (Airbyte), and then creating the destination to PostgreSQL to establish a connection to synchronize the data from Microsoft SQL Server to PostgreSQL while using a Linux Virtual Box.
- **Programmed JavaScript code to automate** the process of creating a Microsoft PowerPoint presentation template containing a title page, a bar graph, and a stacked bar graph.