

Theodore Carr

DATA ANALYST

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ABOUT ME

Data enthusiast who loves to bring data to life with visualizations that drive action. Leveraging a unique background in philosophy and computer science to produce creative solutions using data.

TECHNICAL SKILLS

Data Analysis, SQL, Python, Excel (Advanced), Power BI, Tableau, Microsoft Office Suite, Kanban, Agile

DATA PROJECTS

Lahman Baseball Project (PostgreSQL)

- Displayed problem-solving syntax through commits, pull requests, branch and master tracking in GitHub
- Used MLB data from 1871-2016 to find unique insights, such as the correlation between team's salary caps and win percentages.

Nashville Fire Station Stress Analysis (Python)

- Used the socrata API to pull live data showing 911 calls made to the Nashville fire department
- Automated the process using python to add all the 911 calls every five minutes and mapped the data using the Folium and matplotlib libraries

EDUCATION

Nashville Software School Data Analytics Bootcamp
Graduation – Jan 2022

University of Tennessee B.A Philosophy, 2018-2022

WORK EXPERIENCE

Nashville Software School, September 2022 - Present

Data Analyst Apprentice

Intensive full-time bootcamp focusing on data analytics fundamentals and problem solving. Used real-world datasets and included projects where findings were presented to stakeholders from the community.

- Analyzed data using Microsoft Excel, including utilizing pivot tables and lookups, and connected to external data sources using the PowerPivot add-on
- Built and deployed dashboards using Tableau and PowerBI
- Wrangled data and performed exploratory data analysis using Python's *pandas* library
- Created data visualizations using *matplotlib* and *seaborn*
- Gathered data through APIs and webscraping
- Performed geospatial analysis using *geopandas* and *folium*
- Retrieved and analyzed data using PostgreSQL and *sqlalchemy*
- Source code version control with Git/GitHub
- Project management/tracking with GitHub project boards and issue tracking

HTI Technologies, May-August 2021

Quality Control

- Worked in a fast-paced team environment to correct a manufacturing mistake
- Processed 20,000+ parts in a span of three months
- Contributed to daily warehouse operations

YMCA Camp High Harbor, Summer 2015,2016

Camp Counselor, Leader in Training

- Responsible for the care and supervision of 10-20 middle school age boys
- Set up/Clean up of dining hall catering to 100+ campers
- Received leader of the week award during *leader in training* program

St. George's Elementary School, August-December 2018

After Care Counselor

- Fostered the development of fundamental skills such as reading and arithmetic while developing meaningful relationships with students
- Led after school activities and coordinated after school events