

Alec Blade

Data Analyst

CONTACTS

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PROJECTS

App Trader / Team *SQL, GitHub, Kanban*

Explored and analyzed apps available on the Apple App Store and Android Play Store. Completed with two team members. Project assigned during my NSS apprenticeship.

MLS Dashboard / Solo *PowerBI, PowerPoint*

A personal project using Major League Soccer data to explore the capabilities of PowerBI. The dashboard is currently represented as a PowerPoint due to a sharing requirement needing a professional license.

Nash. Hydration / Solo *Python, Geospatial*

A personal project where I summarize the availability of public drinking water in Nashville, TN. Used as a means to practice geospatial aspects of data.



Summary

Data Analyst with a Mechanical Engineering background. While at the University of Tennessee Chattanooga, I aided in the research of Computational Fluid Dynamics and Particle Imaging Velocimetry. I eventually found my niche in data analytics and applied for a data analytics apprenticeship at the Nashville Software School (NSS). I am currently finishing my time at NSS and looking for an entry-level position where I can continue to learn and do what I love.



Data Analytics Experience

Nashville Software School

Data Analyst Apprentice, Jan. 2023 – Present

Intensive full-time boot camp 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
- Source code version control with Git/GitHub
- Project management/tracking with GitHub project boards and issue tracking



Professional Experience

The Home Depot

Part-Time Sales Associate, Sep. 2017 – Sep. 2022

- Worked alongside a team to unload trucks in a timely manner
- Operated heavy machinery such as forklifts and electric pallet jacks
- Fulfilled hazmat duties
- Ensured aisles were stocked
- Provided customer service



Education

- Nashville Software School, Nashville, TN

Data Analytics | Anticipated graduation Apr. 2023

- University of Tennessee Chattanooga, Chattanooga, TN

Mechanical Engineering | GPA 3.6 | 2020 – 2022 | 129 hours total



Skills

Python | SQL | Excel | PowerBI | Tableau | GitHub | Agile Method

Pandas | Geopandas | Matplotlib | SeaBorn | NumPy | KanBan Boards