

## CONTACT



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Nashville, TN

## PROJECTS

### Nashville City Cemetery - Excel

Utilized Excel to clean and analyze data provided by Nashville City Cemetery to provide marketing materials.

### App Trader - SQL

Applied SQL code to determine the most profitable app investment based on specific guidelines.

### Lahman Baseball - SQL

Provided an analysis of baseball statistics from a database consisting of 20 tables using SQL.

### Early Intervention System - Python

In partnership with the Department of Developmental Disabilities, analyzed the referral database to address company concerns regarding success rate and recommend areas of improvement.

# MyLah Kate Gainey

Data Analyst

## "Passion is shown through persistence"

Enthusiastic professional with the ability to inspire growth in others. Able to quickly and efficiently produce positive results despite any obstacle. Extensive training in research, training, leadership and effective communication. Possess a natural ability to effectively adapt to ever-changing situations. Skilled in aligning needs of stakeholders while remaining in compliance with organizational processes. Proficient in data analysis, strategic planning, event planning, website development, special projects and fundraising.

## DATA ANALYTICS EXPERIENCE

2022

### Data Analyst Apprentice | Nashville Software School

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.

2018-2019

### Doctoral Research Assistant | Indiana University

- Conducted internet and library-based research to assist with verifying findings;
- Performed data entry and other clerical work to enhance the quality of results produced by the project;
- Coded data in preparation for computer entry into STATA to analyze team findings;
- Verified the accuracy and validity of data entered databases, correcting or reporting any mistakes;
- Gathered internal and external data and conversed with study participants to collect data for the project;
- Developed strategic insights to enhance the research project and data analysis.

2017-2020

### VRN Program Support Assistant | Institute of Intergovernmental Research

- Assisted with data entry and maintenance of databases to ensure accurate data was collected to grant applications and proper archiving;
- Prepared documents and presentations to inform attendees of relevant training information from company workshops and conferences;
- Stayed abreast of industry organizational news and trends to maintain the organization's online resources including the company's website, newsletter, Mailchimp marketing platform, and other resources to keep information current and relevant;
- Conducted online research on criminal justice matters to share with fellow agencies and the community through the company's website and newsletter.

## EDUCATION

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### Data Analytics Bootcamp

Nashville Software School

May 2022 - August 2022

### PhD in Public Administration

Indiana University

August 2018 - On Hold

### Master of Applied Social Sciences

Florida A&M University

January 2016 - August 2017

### Bachelor of Science

Florida Atlantic University

January 2013 - May 2015

## EXPERTISE

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- Public Speaking
- Excel (Advanced)
- SQL
- Tableau
- PowerBI
- Python
- Microsoft Office Suite
- Google Suite
- Agile
- Kanban
- Asana
- Salesforce
- ETO | Apricot
- GitHub
- SPSS
- STATA
- Hubspot
- Salesforce
- Adobe Photoshop

## PROFESSIONAL EXPERIENCE

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2020-2021

### Revocation Specialist | Florida Commission On Offender Review

- Analyzed reports of parole, conditional, conditional medical, control and addiction recovery release violations submitted by the Department of Corrections' staff and other states;
- Evaluated nature and extent of alleged violations, to determine if Commission action should be taken with respect to the issuance of a warrant or amended warrant;
- Processed revocation-hearing reports on parole, conditional, conditional medical, control and addiction recovery release cases. Submits technical information and prepares order to Commission by way of docket for Commission decision;
- Provided technical information on matters such as residence requirements, job availability, risk to society, and forwards for a vote any bond hearing conducted by the hearing examiner;
- Identified issues with criminal justice information and systems and determined the appropriate action to take.

2016-2020

### Career Development | Bethel Empowerment Foundation

- Researched new topics of significance, develop and design curriculum and instructional materials that meet the needs of students to help them obtain future success;
- Created, managed, and developed a data-processing and storage system for the organization to ensure accurate data collection for grant and governmental reporting;
- Managed and updated the organization website, social media, and on-line accounts to attract and inform potential clients, volunteers, and stakeholders;
- Developed and implemented procedures for identifying advertising needs to understand the current market and our target population;
- Oversaw reporting requirements for grants and contracts to consistently raise over \$500,000 to supplement the organization's annual budget;
- Analyzed new strategies for program funding through grants, funds, and private donations to sustain the organization.