

# JOHN McMULLAN

Canton, Georgia

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## Summary

Data Analyst with well-developed leadership and communication skills and a work drive to be at the top of the field. A strong independent worker with experience in leading teams in gathering data and presenting it in a digestible, easy to understand manner.

## Technical Skills

**Tools:** Excel VBA, Python, Matplotlib, Pandas, Jupyter Notebook, API

**Databases:** AWS, SQL, MongoDB

## Projects

Inflation for the Everyday American | <https://github.com/labywyntir/testbranching>

- *In this project we looked at the effects of inflation on things that effect the average Americans life like grocery prices, gas prices, purchasing habits, and wages.*
- *I took responsibility for answering how the Consumer Price Index affects minimum wage and common grocery prices and pulling data from the Bureau Labor of Statistics API.*
- *Tools / languages used: Python, Matplotlib, Pandas, Jupyter Notebook*

MLB Baseball Database | [https://github.com/VedranaGATech/Project\\_2\\_MLB\\_Stats](https://github.com/VedranaGATech/Project_2_MLB_Stats)

- *In this project we built a working database of all Major League Baseball players between 2000-2015*
- *I took responsibility for cleaning the batting data and the player ID data and uploading it into SQL*
- *Tools / languages used: Python, Pandas, Jupyter Notebook, SQL*

## Experience

Music Teacher 2020-2021

**Dug Gap Elementary** Dalton, Georgia

Key Accomplishments:

- *Developed new programs for students*
- *Highest recruitment rate in program history at 60% of possible candidates*
- *Brought community back in a post covid-19 era*

Band Director 2018-2020

**New Hampstead High School** Bloomingdale, Georgia

*Key Accomplishments:*

- *Developed strong relationships with student body and families*
- *Set up communication avenues with parents*
- *Increased retention rates by 10% for three straight years*
- *Increased funding by 300% in a title one area*
- *Maintained positive relationships with competitive directors*

Band Director 2015-2018

**Pooler Elementary School** Pooler, Georgia

**West Chatham Elementary School** Pooler, Georgia

*Key Accomplishments:*

- *Created a brand new experimental curriculum*
- *Built recruitment numbers of students*
- *Convinced parents to rent instruments*
- *85% retention rate year to year*
- *Fundraised enough money to start multiple beneficial programs*

## Education

***Boot Camp Certificate:*** Georgia Tech, Atlanta, GA

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

***Bachelor in Music Education:*** Georgia College and State University, Milledgeville, GA

A 4 year program focused on learning how to build music programs, gaining musical skills and knowledge, and learning how to communicate that knowledge to students and parents.