

NATHAN ASHBAUGH

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GitHub: <https://github.com/NGASHBAUGH>

SUMMARY

Enjoys deep diving into raw data to find patterns, increase data integrity, and data usability. Proficient at working alone and collaborating with teams across many different departments, can take in complex information and explain it to a diverse group of individuals.

TECHNICAL SKILLS

SKILLS: SQL DATABASES, DATA MINING, DATA ANALYSIS, DATA VISUALIZATION, DATA PREPARATION, DATA WAREHOUSING, PROJECT MANAGEMENT, STATISTICS

Tools: Python, JavaScript, SQL, HTML, Tableau, Microsoft Power BI, Pandas, Excel

Databases: MongoDB, pgAdmin

PROJECTS

HOUSING PRICES VS RENTAL PRICE | <https://github.com/CHICHOtv/PREDICTIVE-HOUSING>

- Developed a web page to analyze the difference between rental and housing prices by a zip code entered by the user. The web site shows graphs, a map of the area, a predictive model of what the rent and housing prices will be, and other information.
- Responsible for leading the project work and managing the JavaScript and HTML.
- Tools used: pgAdmin, Visual Studio, and Anaconda. JavaScript, HTML, SQL, and Python.

HOUSING PRICES AND WILDFIRES | <https://github.com/MATTUZI17/THE-FLIGHT-FROM-RURAL-COMMUNITIES>

- Developed a web page looking for rising or falling trends in housing price average in different cities in 3 different areas in California. The graphs show the main 5 fires that occurred in the last 10 years to see if there is an upward trend in the housing prices in the larger(safer) cities in the area.
- Responsible for leading the project work and managing the JavaScript and HTML.
- Tools used: pgAdmin, Visual Studio, and Anaconda. JavaScript, HTML, SQL, and Python.

POKEMONGO | <https://github.com/NGASHBAUGH/POKEMONGO>

- Two different datasets based off PokemonGo that were cleaned and were created to mirror each other as (limited by the data given by each set). The two datasets are stored in a pgAdmin SQL database
- Responsible for the whole project.
- Tools used: pgAdmin, Visual Studio, and Anaconda, SQL, and Python.

Certification

Boot Camp Certificate: University of California Davis, Davis, CA, ST

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

EDUCATION

Sustainable Manufacturing: California State University Chico, Chico, CA

EXPERIENCE

Operations Intern

2020– Present

Blue Diamond Growers

Sacramento, CA

Worked across the operations and IT department to develop useful documents for line workers and helped standardize and legitimize data for management.

Key Accomplishments:

- Created a detailed work instructions manual for an SN Bagger
- Cleaned, organized, and created Power BI dashboards to present data produced by a downtime tracker
- Trained 150 employees how to correctly enter data to a downtime tracking application

Project Manager

2017– 2019

Premier Mushrooms

Colusa, CA

Organized teams in the maintenance department and used Microsoft Office 365 tools to optimize daily tasks, work order tracking, and workflows.

Key Accomplishments:

- Developed a work order and parts request system using SharePoint, Access, PowerApps, and Power BI that streamlined the process
- Created a maintenance tracking system using Access, paper process, SharePoint, PowerApps, and Power BI. The system tracked the maintenance of 300 items on the farm to improve safety by ensuring the regular maintenance of equipment.
- Trained all departments on using the maintenance tracking system