

JUSTIN B. SMITH

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Portfolio: jsmith1826.github.io/portfolio/

Summary

Results-driven Data Analyst, leveraging an eclectic blend of entrepreneurial and technical experience, underpinned by a strong foundation in Data Analytics and Food Science. Offering a unique mix of analytical prowess, hands-on IT skills, operations management, and a strong customer service background from the restaurant industry, crafted over 20+ years.

Expertise in Python, JavaScript, SQL, R, and Tableau, sharpened through rigorous data analytics bootcamp. Proven track record in diverse roles from food services to startups, demonstrating adaptability, problem-solving capabilities, and strong leadership.

Technical Skills

Tools: Python, Tableau, ChatGPT, Javascript, VBA, CSS, R, HTML

Database: postgresSQL, MongoDB

Cloud: AWS

Projects

The Michigan High School Sports Atlas

<https://jsmith1826.github.io/MHSAA/>

- Tableau dashboard that aggregates and visualizes ten years of high school sporting event results for ten different sports within the Michigan High School Athletic Assoc.
- Data from the National Center for Education Statistics is incorporated so schools can be classified by school type (private, public, charter), community type, student demographics and community economic factors.
- Python, Tableau

Baseball Field Mapping Project

https://jsmith1826.github.io/BB_parks/

- Personal interest project that plots over 700 baseball parks ranging from youth fields to major league and international stadiums to compare field dimensions and other spatial properties that influence the outcomes of baseball games
- Created two public facing showcase pages to display and compare all of the fields used in the 2023 NCAA Baseball Tournament and the 2023 Michigan High School tournament.
- Google Earth, Python, Javascript

Food and Community Health

https://jsmith1826.github.io/Food_Deserts_Project/

- Sought to answer the question What environmental factors contribute most to poor health in a community.
- Collaborative project that utilized machine learning to analyze the USDA's Food Atlas dataset with the goal of identifying common factors that contribute to high levels of obesity and diabetes in a population.

- Notable insights included: per capita spending on full service restaurants, especially when controlled for income was the best predictor for high rates of obesity and an important contributor to diabetes rates.
- Python (SKlearn), PostgreSQL, Tableau, JavaScript

Relevant Professional Experience

Customer Service, Marketing and Web Development

Seasonal 2016 - 2022

River Town Adventures

Lansing, MI

- Planned, designed, developed and launched RivertownAdventures.com including internal and customer facing reservation system
- Developed SOP, trained employees for customer interactions
- Conceptualized and built out Capital Loop Gifts as complementary business selling Michigan-made snack foods, beverages, souvenirs, and convenience items.

Purchasing Clerk, Cheese Monger & Quality Control

2013 – 2017

Cherry Capital Foods & Earthy Delights

Traverse City, MI

- Reduced Shrink/Loss write downs 52% in first 6 months
- Developed HACCP plan & SOPs for cheese repackaging & shipping
- Purchasing, cost calculation and pricing along with associated accounting tasks.
- Receiving, quality control and inventory management responsibilities for all perishable product categories

Hospitality Experience

Sous Chef

2012

Meat: Southern BBQ and Carnivore Cuisine

Lansing , MI

- City Pulse Best New Restaurant 2012. Twice Featured, *Diners Drive-ins and Dives*

Kitchen Manager

2011-2012

Fork in the Road & Trailer Park'd

Lansing, MI

- City Pulse Best New Restaurant 2011. Featured on *Eat St.* (The Cooking Channel)

Shift Supervisor

2004 – 2011

Kellogg Hotel & Conference Center (Mich State Univ.)

East Lansing, MI

- Cross trained on every station in kitchen and storeroom
- Trained student employees for banquet food service operation serving up to 3000 guests at a time.

Education

Boot Camp - Data Analytics: Michigan State University

2022

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

Food Science Undergrad: Michigan State University

2010

99 credits toward B.S. of Food Science complete courses including statistics, organic chemistry, management / business operations.