

# Wesley Alexander Osborne

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## Objective

I am a Data Scientist, who is passionate about solving real-world problems and developing elegant solutions. bring with me over a year of experience as a Technology Consultant. With this experience, I've developed skills in empathizing with stakeholders with a focus on engagement and retention. I am able to effectively break down complex technical solutions and communicate them to clients.

## Skills and Tools

Python, HTML, CSS, Javascript, SQL, Git, Swift, Node.js, React.js, Redux, MySQL, MongoDB, Firebase, Flask, Microsoft Office, Slack, Zoom, Apache Spark, AWS

## Projects

- **Standardized Test Analysis:** Performed data cleaning and exploratory data analysis on SAT scores in California to identify the top performing schools in each school district. **Technologies used: Pandas, Numpy, Matplotlib, Seaborn** (<https://github.com/wao218/standardized-tests-analysis>)
- **Ames Housing Data Modeling:** Performed data cleaning, exploratory data analysis and Linear Regression modeling and evaluation to predict home sale prices using 2006-2010 Ames, IA housing data. **Technologies used: Pandas, Numpy, Matplotlib, Seaborn, Scikit Learn** (<https://github.com/wao218/ames-housing-predictions>)
- **Dementia Image Classification:** Based on MRI images of dementia, predicted whether a patient has dementia and to what severity using deep learning. **Technologies used: Numpy, Pandas, Matplotlib, TensorFlow, Keras** (<https://github.com/wao218/GA-dsi-project-5>)
- **Subreddit Classification:** Using natural language processing techniques classified which subreddit posts originated based on text. **Technologies used: Pandas, Numpy, Scikit Learn, Seaborn, Matplotlib** (<https://github.com/wao218/reddit-nlp>)

## Relevant Experience

### Technology Consultant

Paytronix Systems, Inc | January 2019 - April 2020

- Managed planning and implementing loyalty, gift, and comp programs for 250+ small - medium sized restaurant businesses
- Facilitated troubleshooting various POS systems and answering questions related to the Paytronix software for small - enterprise business clients, solving 750+ cases.
- Assisted in creating, testing, and deploying email and guest website modifications for clients using Javascript, JQuery, HTML, and CSS.
- Aided in transferring Paytronix API documentation into a dedicated API testing suite using Postman for the technical team.

## Education

### Data Science Immersive

General Assembly | October 2021

### B.S. in Computer Science & Business, minor in Entrepreneurship

Lehigh University | December 2018

