

SHANIA THOMAS

Personable and collaborative data science professional with education and leadership experience. Skilled in identifying opportunities of growth, forging pathways to success, and fostering a fun and effective environment in tandem. Flexibility leads my thought process when navigating a problem because I believe every problem has a solution.

SKILLS

- Python and assorted libraries
- Supervised and Unsupervised Machine Learning
- Natural Language Processing
- SQL
- Teamwork
- Communication
- Adaptability
- Storytelling

PROJECTS

Natural Language Processing and Binary Classification

Using an API, scraped posts from two different subreddits and classified where they came from with 94% accuracy.
https://github.com/shaniathomas894/NLP_Binary_Class

Time Series Predictive Modeling

Determined which time series model is best to predict number of COVID-19 infections.
https://github.com/shaniathomas894/COVID-19_Preds

Natural Language Processing and Latent Dirichlet Allocation

Using LDA, topic modeled the anti-work subreddit to visualize workplace concerns.
<https://git.generalassembly.ly/shaniathomas894/capstone.git>

EDUCATION

Jan 2022–April 2022

DATA SCIENCE IMMERSIVE

Certificate of Completion

Aug 2014– May 2019

CALIFORNIA STATE UNIVERSITY, CHANNEL ISLANDS

Bachelor of Science, Biological Sciences

PROFESSIONAL EXPERIENCE

Jan 2022–April 2022

General Assembly, Austin TX DATA SCIENCE IMMERSIVE

- Completed a rigorous 12 week, 420 hour program gaining experience in:
 - Supervised and unsupervised learning methods
 - Neural Networks
 - Time Series
 - Statistical Analysis
 - Tableau and other data visualization
- Completed 5 projects, both group and individual using multiple methods of machine learning

July 2020–Dec 2021

IDEA Brackenridge College Prep, San Antonio, TX PRE-AP SCIENCE TEACHER

- Prepared and taught data-directed rigorous lessons for 130 8th grade scholars
- Served as team liaison and thought leader for the 8th grade education team
- Directed daily team building stand-up meetings
- Conducted biweekly professional development meetings for operational excellence

Nov 2019–July 2020

Sunglass Hut, Camarillo, CA STORE MANAGER

- Designed and implemented evidence-based performance growth plans on an individual and store level
- Grossed an overall 20% sales increase by implementing data-driven protocols concerning our main KPI's

June 2019–Nov 2019

Gensun Biopharma, Inc., Newbury Park, CA RESEARCH ASSOCIATE

- Orchestrated centralized methods for multiple operations that increased company efficiency
- Built strong relationships with vendors and other outside professionals to create a company network
- Performed unsupervised molecular biology experiments and presented findings