

# 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](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](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.generalassemb.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