

DANIEL AGUILAR

Lynwood, CA 90262

da.aguilargallardo@gmail.com

DATA SCIENTIST

Websites : [Github](#) [LinkedIn](#) [Portfolio Site](#)

EXPERIENCE

DATA SCIENCE TEAM LEAD

01/2020 to 05/2020

Lambda School | CA

Managing a group of data science students within the Lambda School data science program.

- Debugging students code using python and python packages (pandas, numpy, plotly, scikit-learn, SQL)
- Grading all assignments and assessments of the students
- Aiding all students with any questions revolving data science and python code
- Hosting daily meetings to keep track of the students to assure all work is being completed, taking accountability of the students, and debugging more work.

NLP INTERN

04/2020 to CURRENT

Ignitus | CA

Worked with the natural language programming team at Ignitus to help build their NLP modules for their learning management system that they are building.

PROJECTS

Subreddit Finder

Python, Flask, k-Nearest-Neighbors, Naive Bayes, Paperspace, API

This app allows you to write a post about anything and it will return the best subreddit for you to post on. I developed a flask app on Heroku to implement a machine learning algorithm (Naive Bayes Classification) responsible for returning the best subreddit after feeding in the text of a new reddit post.

Topic Modeling

NLP, Gensim LDA, Latent Dirichlet Allocation, Count Vectorizer

Utilizing 2,225 BBC articles divided into five different sections, I used natural language processing to process the articles into two different machine learning algorithms to identify the major topics of each of the five sections. Used both gensim LDA and Latent Dirichlet Allocation for topic modeling. I also did an analysis on G20 countries mentioned in the articles to identify the major topics revolving around those countries.

SKILLS

Python

Power BI

Microsoft Excel

SQL

Machine Learning

TensorFlow

Keras

NLP

Topic Modeling

Scikit-Learn

Statistics and Probability

Flask

HTML

CSS

Active DoD Secret Clearance

EDUCATION

El Camino College

A.S. Mathematics

2016-2021

Data Science

Lambda School

Lambda School is a full-time (40 hrs/week), immersive Software Engineer & Computer Science Academy with a project-based curriculum where students pair program and complete weekly sprint challenges.