Jennifer Banks
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Github - LinkedIn - Portfolio- Medium

Education
Data Science Program, Lambda School, 2020-2021
Coursework Includes: Computer Science, Descriptive Statistics, Predictive Statistics, Machine Learning, Data Engineering, Neural network, Deep Learning, Cross-Functional project
MA in Secondary Math Teaching, Thomas University, May 2018
BS in Civil Engineering, Silliman University, Mar 2000

Technical Skills
Programming Expertise: Python (NumPy, Pandas, Scikit-learn), SQL and Excel
Framework/Deployments: TensorFlow, Keras, FastAPI, Flask,, AWS EB, Heroku
Skills: Data analysis, Linear and Multivariate regressions, Predictive analytics, K-cluster analysis, Machine learning /Deep Learning products, Natural Language Processing, Feature Extraction, Database Queries, API Development

Data Science Projects
CitySpire Data Science API, *Lambda School,* Project Link, 2021
- Created forecasting model that provides rental price projections for n-number of months.
- Created and updated database for different information associated with the API.
- Collaborated with a remote cross functional team of data scientists, web and iOS developers using tools such as Slack, Zoom, Trello and Github.

Strain Recommender, *Lambda School*, Project Link, 2020
- Utilized Natural Language processing to process user input, that is eventually used to get recommendations.
- Used KNN to provide n-number of Cannabis strains similar to information provided by end-user.

Weather API, *World Quant University*, Project Link, 2020
- Created a simple web app that provides temperature based on user's IP address.
- Accessed and aggregated publicly available API.

Spotify Song Suggestor, *Lambda School*, Project Link, 2020
- Cleaned data and extracted features from a dataset taken from Kaggle.com.
- Developed an NLP and encoded-based model options for song recommendations.
- Collaborated with a remote cross functional team of data scientists and web developers using tools such as Slack, Zoom and Github.

Work Experience
Team Lead/Support Lead, *Lambda School*, July 2020- present
- Led a group of 5-12 students throughout their core curriculum in Data Science.
- Provided technical, content and overall support as needed.
- Seeked instructors' and leaders' input in decision making process.

Secondary Math Teacher, *Clayton County Public Schools*, 2014-2020
- Led my students to an increased growth metrics in state assessment.
- Reflected on various ways to individualize learning for my students.
- Actively incorporated technology in the classroom.

Math Tutor, *Freelance*, 2012-2014
- Provided in-person and online Math tutorial services for elementary to college level students.

Sales Engineer, *Metalink Steel Manufacturing Inc,* 2003-2011
- Developed new accounts by introducing product and engineering services.
- Maintained strong relationship with clients by creatively providing solutions to their problems.