

Jennifer Banks

Data Scientist

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[Github](#) - [LinkedIn](#) - [Medium](#)

Education

Data Science , Lambda School	2020-2021
<i>Coursework Includes:</i> Computer Science, Descriptive Statistics, Predictive Models, Machine Learning, Data Engineering, Neural network, Deep Learning, Cross-Functional project, Data Profiling, Visualizations	
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, Deep Learning products, Natural Language Processing, Feature Extraction, Database Queries, API Development

Data Science Projects

CitySpire Data Science API , <i>Lambda School</i> , Project Link	Feb 2021
<ul style="list-style-type: none">Created forecasting model that provides rental price projections for n-number of monthsCreated and updated a cloud database on AWS for different information associated with the APICollaborated with a remote cross functional team of data scientists, web and iOS developers using tools such as Slack, Zoom, Trello and Github	
Weather API , <i>World Quant University</i> , Project Link	Nov 2020
<ul style="list-style-type: none">Created a simple web app that provides temperature based on user's IP addressAccessed and aggregated publicly available API	
Spotify Song Suggestor , <i>Lambda School</i> , Project Link	Aug 2020
<ul style="list-style-type: none">Performed data gathering and feature extraction from a dataset taken from Kaggle.com.Developed an NLP and encoded-based model options for song recommendationsCreated data profiling, visualization and other exploratory numerical analysis	
Strain Recommender , <i>Lambda School</i> , Project Link	Jun 2020
<ul style="list-style-type: none">Utilized Natural Language processing to process user input, that is eventually used to get recommendationsBuilt a KNN model that provides n-number of Cannabis strains similar to information provided by end-user	

Work Experience

Team Lead/Support Lead , <i>Lambda School</i>	Jul 2020-
<ul style="list-style-type: none">Led a group of 5-12 students throughout their core curriculum in Data ScienceProvided technical, content and overall support as neededSeeked instructors' and leaders' input in decision making process	
Secondary Math Teacher , <i>Clayton County Public Schools</i>	2014-2020
<ul style="list-style-type: none">Individualize learning for my students and actively incorporated technology in the classroomMonitored students' performance and comprehension indicators for increased growth in state assessments	
Math Tutor , <i>Freelance</i>	2012-2014
<ul style="list-style-type: none">Provided in-person and online Math tutorial services for elementary to college level students	
Sales Engineer , <i>Metalink Steel Manufacturing Inc</i>	2003-2011
<ul style="list-style-type: none">Account and business acquisitions by introducing product and engineering services.Maintained strong relationship with clients by creatively providing solutions to their problemsTasks involved but not limited to risk management, business strategy	