

Python Developer Python Developer Python Developer Missouri City, TX Authorized to work in the US for any employer Work Experience Python Developer Lavoro Technologies February 2018 to May 2019 Project: Create an automation software to generate PDF transaction reports and email to clients Developed automation software for retrieving data, creating, organizing, and emailing daily/monthly PDF reports to clients To connect to and retrieve data from the PostgreSQL database and represent it in Dataframe format I used Python libraries - psycopg2 and pandas To create a blueprint structure and generate a PDF report I used Python library reprotlab To email the generated PDF reports, I used and configured the built-in export manager Project: Design software to make time-series forecasting based on tank oil volume Researched and built a deep learning model - Long short-term memory (LSTM) for time-series forecasting Chose the Long-short term learning(LSTM) model because it is a best-suited machine learning model for sequential data (time-series) To implement the LSTM model, I used Python libraries Tensorflow, Keras, and Scikit-learn To speed up the training process, I utilized deep learning regularization method - Dropout Project: Develop a system for periodicity and reoccurring pattern detection of Multivariate time-series data Executed a machine learning model - Matrix profile for recurring pattern and periodicity detection of multivariate time-series Researched and chose a data-agnostic and computationally efficient technique The Matrix Profile Utilized Python s library mstamp as an algorithm to compute the Matrix Profile Project: Infer oil well production rate and oil tank outflow in a dynamic environment Examined a problem of oil well production rate calculation by implementing a Multivariate Linear Regression model Researched and chose Multivariate Linear Regression method to calculate both the oil well production and oil tank outflow Designed a Multivariate Linear Regression model using Python libraries like Tensorflow and Numpy Researcher Intern University of Houston May 2017 to December 2017 Performed a literature review on the application of deep learning for time-series forecasting Designed and developed a Long short-term memory (LSTM) model for time-series forecasting Presented a summary of literature review and implementation results Education BS in Computer Science University of Houston August 2018 to December 2020 AA in Computer Science Wharton County Junior College June 2016 to May 2018

Skills C+ (Less than 1 year), Computer Vision (Less than 1 year), Deep learning (2 years), Machine Learning (2 years), Natural Language Processing (Less than 1 year), Neural Networks (1 year), Python (3 years), reinforcement learning (Less than 1 year), Sentiment analysis (Less than 1 year), Statistics (Less than 1 year), Tensorflow (2 years), Keras (2 years), Linux (3 years), Django (Less than 1 year)

	1	year)	Links	
				http://github.com/nekruzvatanshoev
				https://www.linkedin.com/in/nekruzvatanshoev/ Awards Phi Theta Kappa 2017-04

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