Surbhi Vimal Parmar

(Deep Learning Engineer)

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Professional Summary

- To work in a healthy and competitive organization where I can effectively utilize my analytical, interpersonal, leadership and organizational skills to help the organization to grow. This encourages me to enhance my skills professionally as well as personally.

Employment History

- **Deep Learning Engineer -** Navaera Software Services Pvt. Ltd., Vadodara, Gujrat
  (September 2020 - December 2021)
- **Machine Learning Engineer -** Abhay TechSolutions LLP, Mumbai, Maharashtra
  (July 2019 - July 2020)

Technical Skills Set

◊ Programming Language: Python, Java, Javascript, etc.
◊ Data Analytics Tools: R, SQL
◊ Operating Systems: Linux, Windows, etc.
◊ Python Libraries: Pandas, Numpy, Scipy, Statsmodel, SKlearn, Camelot, Fitz, Tensorflow, BeautifulSoup, Scrapy, Selenium.
◊ Framework: Mxnet, PyTorch, Keras.
◊ Data Visualization: Python visualization package, R visualization package, Matplotlib
◊ Modeling Techniques: Deep Neural Networks, ANN, Capsule Net, CNN, RNN, Regression, Classification, Clustering, NLP, etc.

Licenses and Certification

- **Data Science using Python (Digital Vidya)**
- **Python and R in Data Science Certification (Udemy)**

Reference

- **LinkedIn : https://www.linkedin.com/in/surbhi-parmar-028ba015b/**

Academic Qualification

◊ Bachelor of Engineering (Electronics Engineering) from Nagpur University in the year 2017 with 71%.
◊ HSC from C.B.S.E. board in the year 2012 with 74.20%.
◊ SSC from M.P board in the year 2010 with 94.60%.

Strengths

Quick Learner, Self-Motivated, Team Player, Condition and situation adaptable, etc.

Languages

English, Hindi, etc.

(Surbhi Parmar)

Portfolio

Project: Signature Verification

Description: Signature verification is a project based on a neural network to verify the forged and genuine signature of a person from signature images.
Technologies Used: Python, MXNet, CNN, ANN, Capsule network, Attention Mechanism etc.
Role: End to End management of the project.

Project: Cheque field detection

Description: Detection of the text field from the cheques images.
Technologies Used: Python, MXNet, Annotation tool LabelImg, Yolov3, Yolov5, Faster-RCNN etc

Project: Balance Sheet Extraction model with a custom dataset

Description: This project is based on CNN and NLP. Balance sheet extraction is a project to extract data from pdf and images of balance sheets. After extraction, NLP is applied to the data.
Technologies Used: Python, Pytorch, RASA, CNN, Yolov3, NLP, Camelot etc.
Role: End to End management of the project, the building of models and testing of the model.

Project: Deep Learning-based NER model for Resume Parsing

Description: It is an NLP and NER based project to extract data from resumes of a person
Technologies Used: Python, RASA, Pytorch, NLP, NLU, Spacy, NLTK, Bi-LSTM etc
Role: Machine Learning Engineer to build models and testing of models.

Other Projects

Project: Census Income Dataset: Imbalanced Dataset

Description: It's a regression, classification based model to detect whether a person's income is more than or less than a threshold income.
Technologies Used: Python, Keras, logistics regression, classification model etc.

Project: Digital Vidya Capstone Project: Sentiment Analysis on IMDB Dataset

Description: This project is NLP based sentiment analysis whether a review is positive or negative.
Technologies Used: Python, Keras, data visualization, data extraction and cleaning, NLP, regression models, classification model etc.

Project: Loan Data Analysis of Lending Club

Description: This project is an analysis, prediction project of Loan data from the Lending Club.
Technologies Used: Python, Keras, data analysis, prediction model, data extraction, statistical modeling etc.

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