

Bharat Choudhary Objective

Student



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bharatc9530

Education

MSc., Computer Science

Specialization: Big Data Analytics
Central University of Rajasthan
2019 - 2021 | Jaipur

B.Sc, Computer Science

Jai Narayan Vyas University
2016 - 2019 | Jodhpur, India

Skills

Languages:

C/C++, python, R-Language

Framework:

Pytorch, Tensorflow, Fastai

Databases

SQL, PostgreSQL

Tools:

Git, Tableau, Pycharm, Docker

Course Works

Descriptive and Inferential Statistics

Machine Learning and Deep Learning

Time Series Forecasting

Data Mining

Bioinformatics

Certifications

Deep Learning Specialization -Coursera

Tableau Masters - iNeuron

Using Python to Access Web Data - Coursera

To start and build a fruitful career in the field of Data Science with my discipline, passion and hard working skills. Currently actively seeking a full time data science internship from December, 2020 onwards.

Experience

Dec 2019 - Intern
Jan 2020

LinuxWorld

- Focused on developing machine learning models, parallel distributed computing (hadoop), production deployment, testing.
- Automate dependencies installation using Ansible and Dockerize an application
- Major Technology Involved :- Machine Learning + Deep Learning(facial recognition) + Big Data-Hadoop + RedHat Linux + Python and DevOps – Ansible + Dockers
- Projects Client User Automation with Python & Ansible (DevOps) over RedHat Linux from server end.

Projects

1. Intracranial Hemorrhage Detection –Deep learning

- **Academic Research Project:** This project focus on automated Deep-learning solution for detection and classification of Intracranial Hemorrhage (ICH) using medical images of brain X-Ray Scans which are in the format of DICOM (.dcm)
- Productionize deep learning models with django in web application
- **Tools:** Python, scikit-learn, xgboost, keras, tensorflow, pydicom, pandas

2. Bitcoin-price-prediction –Time Series

- Bitcoin-price prediction with time dependent and time invariant features using traditional time series model and deep learning solution.
- Build end-to-end Time series modelling pipeline for feature extraction, selection and manipulation and finally make future bitcoin price forecasting.
- **Tools:** Python, scikit-learn, scipy, pytorch, fastai, pandas

3. Image-Captioning using InceptionV3 and Beam Search –Machine learning

- Describe a generative model based on a deep recurrent architecture that combines recent advances in computer vision and machine translation and that can be used to generate natural sentences describing an image.
- Uses Beam search with k=3, 5, 7 and an Argmax search for predicting the captions of the images Using Flickr8k dataset which contain Images along with its Five descriptive text sentence
- **Tools:** Python, keras, nltk, sklearn, numpy, pandas

Publications & Accomplishments

- Bharat Choudhary, Akhitha Babu, Upasana Talukdar “Automated ICH Detection using Ensemble MultiLabel Classifier with Imbalanced Source” in a Journal Pattern Recognition Letters submitted sep, 2020 and is under review
- Red Hat Certified System Administrator(RHCSA) rhel - 8

Reference

- **Dr. Upasana Talukdar** Assistant Professor, Department of Data Science and Analytics, Central University of Rajasthan, India

