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Krishna Vineeth

CAREER OBJECTIVE

Seeking a challenging position in data analytics where I can apply my industry knowledge, business acumen and analytics training

PROFESSIONAL EXPERIENCE

MI2 Soft Pvt Ltd, Hyderabad , Telangana | June 2015 – Present

Software Engineer

- Worked on Java Xml Parser projects
- Conduct and oversee periodic financial audits , Cohort analysis , Business analysis etc for BA roles
- Developed websites on Both front end and Back end for Erp websites
- Worked On Predictive analysis for tcp detection learning system .
- Implementation of deep learning algorithms on classifying images
- Sentiment analysis on twitter data .

PROJECTS

1. Intrusion Detector Learning System: The intrusion detector learning task is to build a predictive model (i.e. a classifier) capable of distinguishing between "bad" connections, called intrusions or attacks, and "good" normal connections in a network.Techniques/Tools: Supervised Learning –Random forest (feature selection),Bagged CART (also used bagged GBM, XGBOOST), R

2. Twitter Data Sentiment Analysis:

Given the data of user data(tweets) about Azure & AWS, Goal is to design and develop an engine that can predict the sentiment of the statement/tweet with the ground truth about the tweet (positive, negative or neutral) being not available.

Techniques/Tools: Natural Language Processing & Machine learning methods such as Random Forests (also Naive Bayes). Data mining from dynamic web pages, Python(sklearn, nltk)

3. Image Classification:

Aim is to build a binary image classifier that can predict to classify if a given image is a cat or a dog. The data consists of train and test sets with a
volume of 6000 images.

Techniques/Tools: A CNN coupled with a Feed Forward Neural Network architecture in Python(Keras API). Also used Transfer Learning, from VGG-16
architecture

4.**Chatbot-from-Movie-Dialogue:**

built a simple chatbot using conversations from Cornell University's Movie Dialogue Corpus. The main features of our model are LSTM cells, a bidirectional dynamic RNN, and decoders with attention.

EDUCATION

Sri Indu college of Engineering and technology ,(JNTUH), Hyderabad
Bachelor of Technology in Civil Engineering, May 2015
International School Of Engineering , Hyderabad
Certification program in Big Data And Optimization , September 2017

SKILLS

Quantitative Methods: Exploratory Data Analysis, Predictive Modeling, Machine Learning, Deep Learning, Regression models,Classification Models, Time Series Models, Tree Based Models, Bagging Methods, Boosting Methods, Text mining and NLP

Statistical Tools: R, Python (numpy, pandas, scikit-learn, keras, theano and nltk),Tensorflow,NLP Visualizations: R (e.g. ggplot2), Python (e.g. matplotlib), Tableau, D3.js

Big Data tools: Hadoop and Spark ecosystem ,Azure Data Lake **Languages**: SQL , Python , Java ,c# **Web technologies** : Html , css , javascript , node js , bootstrap

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