Akhilesh Kumar **Gangwar**

DATA SCIENCE · MASTER'S STUDENT

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Education

Uoh(University of Hyderabad)   *Hyderabad, India*
M.TECH IN ARTIFICIAL INTELLIGENCE (CGPA- 8.21)   *July. 2017 - PRESENT*
- Pursuing Artificial Intelligence and Data Science skills during Master Course

CUSAT(Cochin University of Science and Technology)   *Kochi, India*
B.TECH IN COMPUTER SCIENCE AND ENGINEERING (GPA- 7.42)   *July. 2012 - June 2016*

SKIC(Shri Krishna Inter College)   *Bareilly(U.P), India*
INTERMEDIATE (PERCENTAGE- 79.6)   *July. 2008 - June 2010*
- Board of High School Intermediate Education, Allahabad, U.P

Jesus Mary Higher Secondary School   *Bareilly(U.P), India*
MATRICULATION (PERCENTAGE- 73.33)   *July. 2007 - June 2008*
- Board of High School Intermediate Education, Allahabad, U.P

Experience

Travelyaari,Mantis Technologies Pvt. Ltd   *Bengaluru,Karnataka, India*
SOFTWARE ENGINEER   *April. 2017 - Exp. July. 2017*
- Implemented and worked on Central reservation System project
- Improved functionality and develop the SQL quries and maintain the data base
- Work on debugging skills and also learned data science applications

Fields Of Interests

Natural Language Processing, Deep Learning, Machine Learning, Predictive Analytic, Text Processing

Projects

Novel Deep Learning Approaches in Finance (Research Project)   *IDRBT, Hyderabad*
M.TECH THESIS (GUIDE: PROF. DR. V. RAVI, INSTITUTE FOR DEVELOPMENT AND RESEARCH IN BANKING TECHNOLOGY)   *May.2018 - present*
- Working on natural language processing using Deep learning
- Will use Cuda Programming

Polish companies bankruptcy Prediction   *Uoh, Hyderabad*
INDEPENDENT PROJECT   *June. 2018- Present*
- Worked on UCI ML Repository polish Data Set
- Use SMOTE for oversampling ,Restricted Boltzmann Machine for Dimensionality Reduction
- Classification Task, SVM, Random Forest,Ensemble Model

Titanic: Machine Learning from Disaster   *Uoh, Hyderabad*
INDEPENDENT PROJECT   *Feb. 2018- March. 2018*
- Worked on Kaggle's Titanic Problem data set
- Exploratory Data Analytics,Data Imputation, Feature Selection , Dimension Reduction
- Classification Task, SVM, Random Forest,Ensemble Model

Predict Quora Question Pairs Meaning using NLP in Python   *Uoh, Hyderabad*
INDEPENDENT PROJECT   *Dec. 2017- Jan. 2018*
- Worked on quora data set
- Used the classification task , text processing

Credit Card Default Prediction
M.Tech BDA course project (Guide: Prof. Dr. V. Ravi)
- Worked on Credit card data set,Apply classification tasks
- Used the dimension reductin and feature selection techniques , SVM,KNN, Randomforest,Logistic Regression, Ensemble mehods

Uoh, Hyderabad
Aug. 2017- Oct. 2017

Market Basket Analysis
M.Tech BDA course project (Guide: Prof. Dr. V. Ravi)
- Worked on market basket data
- Used the FP growth , Association rule mining

Uoh, Hyderabad
Aug. 2017- Oct. 2017

Recommender System using collaborative filtering
B.tech Major project (Guide: Prof. V.Damodaran)
- Personalize recommendation list and recommending the most appropriate items to the users based on ratings and past history of purchases
- Use the user- user based collaborative filtering method

CUSAT, Kochi
July. 2015- April. 2016

Relevant Course

M.Tech AI Courses
Business Data Analytic, Advance Algorithm, Machine Learning System, Neural Network,Computer Vision

B.Tech CSE Courses
Data Structure,Algorithm,Database Management System,Operating System,Computer Network

Technical Skills

Data Science Skills
Machine Learning, Deep Learning, Predictive Analytic, Text Processing, Natural Language Processing, Data Structure, Algorithm

Programming Skills
C , Python , SQL

Extracurricular Activity

INVESCO HACKATHON
24 Hour Hackathon,Participated and Achieved second Highest Accuracy
- Worked on 3 GB data set for classification task
- Data wrangling, Data Merging
- Used Classification model

Hyderabad
Oct 2017