Ankit Raj

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 GitHub
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EDUCATION

•**Silicon University, Bhubaneshwar** *2021-25*
Bachelor of Technology in Computer Science and Engineering CGPA: 8.18

•**Dhanbad Public School - Senior Secondary** *2020*
Central Board of Secondary Education Percentage: 87.0

•**Dhanbad Public School - Secondary** *2018*
Central Board of Secondary Education Percentage: 87.4

PROJECTS

•**Titanic Survival Prediction** Source Code
- A project to determine the survival of a person in Titanic including **DataPreProcessing** , **DataSelection** , **DataAnalysis** , **ApplyingModel** and **Deployment**.
- Implemented **Logistic Regression** , **Decision Tree** and **Random Forest** where **Random Forest** gave the best accuracy of **0.76**.
- Utilized **GridSearchCV** for hyper-parameter tuning of **Random Forest** which significantly increased the accuracy to **0.8**.
- Deployed the Model using **pickle**.

•**Credit-Risk** Source Code
- Developed a predictive model to determine loan approval for customers using hypothesis testing.
- **Credit-Risk:** The project goal is to find a relationship between the various constraints of the data and suggest if that particular person loan should be approved or not.
- The main aim of the project is to represent the use and efficiency of **Hypothesis Testing** and then finally applying XgBoost which performs with an accuracy of **0.78** after hyper parameter tuning using GridSearch.

•**Fake News Classifier** Source Code
- Developed a Fake News Classifier Model using LSTM.
- The project's main goal is to use the LSTM to classify the fake news. Basically come under Natural Language Processing.
- Use of LSTM using Dropout Layer to get the result.

TECHNICAL SKILLS AND INTERESTS

Language: C++ , C , Java, Python , MySQL

Skills: Machine Learning , Deep Learning , Data Analytics , Data Science and Android App Development , DBMS

Libraries: sklearn , tensorflow , numpy , pandas , matplotlib , seaborn , C++ STL

Relevant Coursework: Design and Analysis of Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering

Soft Skills: Achieved self-learning goals by completing online courses on data analysis, resulting increase in data-driven decision-making efficiency also increasing my problem solving skills and adaptability.

Interests: Music , Photography , Anime and Web Series , Basketball

ACHIEVEMENTS AND CERTIFICATES

Solved more than **300+** problems across various coding platforms.

Completed NPTEL course on **Programming in Modern C++** and **Joy of Computing using Python**.

Completed an online internship on **Data Science, Machine Learning and AI using Python** from Diginique TechLabs (Collaboration with IIT Roorkee). *Certificate* Internship Completion Letter

Foundational Course on **Machine Learning using Python**.