

BATCHU TARUN KUMAR

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EDUCATION

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (A)

Aug '19 - Apr '23

INFORMATION TECHNOLOGY | Vishakapatnam, AP

- GPA: 9.0 out of /10

Narayana Junior College

Jun '17 - Apr '19

Maths, Physics, and Chemistry | Vijayawada, AP

- GPA: 9.96 out of /10

Bhashyam High School

Mar '16 - Mar '17

Secondary Education | GUNTUR, AP

- GPA: 9.3 out of /10

TECHNICAL SKILLS

Programming: Python (Proficiency :Data Structures & Algorithms, Intermediate), C (Beginner)

Big Data & Machine learning: Hadoop, python(Scikit-learn, NumPy, Pandas, Matplotlib) & Statistics.

Software & Tools: Backend: MySQL

FrontEnd: HTML, CSS, STREAM LIT

Other Frameworks and tools: Version Control (Git)

PROJECTS

Credit Card Fraud Detection

- Machine Learning project that is designed to analyse the various techniques and their performance against the data.
- Used different models like Logistic Regression, decision trees, Boost algorithm, Neural Networks and several classification techniques to analyse data.
- Accuracy score is considered as Evaluation metric and the highest accuracy is recorded by Random Forest Algorithm (93%).

Image Captioner Generator

- Deep Learning based project designed to identify the objects and things present in the given image and generate a sentence about that image.
- In this project, VGG16 Convolution Neural Network (CNN) architecture is used to process the image and Long Short Term Memory (LSTM) for generating the captions.
- Accuracy of the project is 65% and BLEU score considered as evaluation metric.

INTERSHIPS

AICTE-EduSkills virtual internship on AI-ML and DATA ANALYTICS INTERNSHIP supported by AWS Academy, Oct-Dec 2021

- Worked on Identity and Access Management (IAM), Amazon RDS, EC2 instances & Security Groups.
- Learned about Amazon SageMaker and perform Training, Testing, Experiment with changing the value of the threshold, encoding the values of each column in the dataset.

Certificate ID : 2c74e5349abc1a2aab52b00d2e4f13be

Student ID : STU60754050870131618296912

Certifications

- [Microsoft Technology Associate Certificate for Python Language](#)
- [Certification of Participation in the Code Riders 2021.](#)

ACHIEVEMENTS

- 5 Star rating in python practice and SQL query solving in Hacker Rank .
- Core Member of Google Development Student Club(GDSC) as a machine learning developer.

INTERESTS

- playing outdoor games
- volunteering