

SAI ABHIRAM MALLADI

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EDUCATION

Koneru Lakshmaiah Education Foundation

Bachelor of Technology, Electronics and Communication Engineering

GPA :8.31/10

Relevant Coursework: Data Structures and Algorithms, Computer Organization and Architecture, Object-oriented Programming, AI and ANN, Machine Learning, Natural Language Processing

Vaddeswaram, India

2020-2024

Narayana Junior College

Intermediate, MPC

GPA :7.17/10

Vijayawada, India

2018-2020

Shree Swaminarayan Gurukul International School

Class X

GPA :7.2/10

Vijayawada, India

2017-2018

WORK EXPERIENCE

AICTE

Virtual Internship in Data Analytics

- Completed a virtual internship in data analytics to examine and extract information from a sizable dataset in python environment
- Data extraction, visualization, and analysis techniques are used to uncover relevant patterns
- Decision-making procedures are improved, by producing thorough reports, showcasing the usefulness of data analytics abilities in a virtual work environment.

ACADEMIC PROJECTS

Flood Prediction

- In this project. I have used logistic regression and fuzzy logic to handle input rainfall data uncertainty, for improving flood prediction accuracy.
- The designed flood prediction models showed a 15% increase in forecast accuracy.

Image Captioning

- Developed a model to create meaningful captions for photographs using CNN to extract visual attributes and NLP to generate contextually relevant descriptions.
- The integrated solution significantly improved caption quality.

PATENT PUBLICATION

TITLE OF INVENTION: HARPAC VISAGEGUARD INTELLIGENT ATTENDANCE SYSTEM

Application No: 20244105876 A-OFFICIAL JOURNAL OF THE PATENT OFFICE

Publication Date: 12/04/2024

- The system uses local binary patterns for feature extraction, Haar Cascade Algorithm for facial identification, and PCA for dimensionality reduction.
- The proposed system showed increased facial recognition accuracy, offering a user-friendly solution with improved processing time and performance.

SKILLS & INTERESTS

Computer Skills: Proficient in C/C++, Java, Python

Web Development Skills: HTML, CSS

Interests: Photography, Video games, Cricket, Cooking

GLOBAL CERTIFICATION

- HCIA-Cloud Computing
- Microsoft Technology Associate-Introduction to programming using Python