

Gunda Sai Prudhvi

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Career Objective

Seeking to work in an organization that offers where my academic skills add value to organizational operations and keeps up the challenge for the continued personal and professional growth.

Education Details

- Graduated in B.Tech – Computer science engineering in 2020 with 7.8 CGPA from SRM university, Chennai.
- Passed out Intermediate(12th) in 2016 with 75% from Sri Chaitanya junior college.
- Passed out SSC(10th) in 2014 with 70% from Bhashayam public school.

Technical Skills

Programming Languages : Python,Java Script,PHP,Java
Scripting Languages : HTML
Database Platform : SQL

Area of Interests

- Web development
- Open to learn new technologies

Co – curricular/Leadership Activities

- Coordinator of Events in university during the academic year 2016-2018.
- Co-coordinator of Events in club in during the academic year 2017-2019.

Internship\Project

Title: Face recognition by applying Artificial intelligence

Technology: Python

Description: Face recognition system with the input of an arbitrary image will search in database to output people's Identification in the input image.

- In Artificial Intelligence is using face recognition system generally consists of four modules as depicted in detection, alignment, feature extraction, and matching,localization and normalization face detection and alignment are processing steps before face recognition.
- In this project, we use Localization and Normalization face detection method uses its global appearance model to directly conduct the optimization of shape parameters.
- The extracted feature vector of the input face is matched against the captured faces in database.
- Even the input picture alignment is taken into an consideration for achieving accurate result, This will restrict to get duplicate matches.
- And this is implemented further by receiving inputs from multiple sources.

Final Year Project \ Presentation

Title: Reversible Data Hiding in Encrypted Image using Cipher Text Policy Attribute Based on Encryption

Technology: Java Script,PHP,HTML, MySQL

Description: Data secured in image format will be transferred in Encrypted image from one to one and that have to be decrypt by the end user with multiple authentication techniques.

- In this project, the image owner directly divides the cover-image into groups of a reference pixel and T-adjacent pixels and uploads to the data hider by using NTRU Encrypt.
- The data hider calculates absolute differences of adjacent pixels in each group to obtain histogram of absolute differences.
- There are some issues such as a large number of keys and difficult key management, Though the algorithm encrypts the data into unreadable data and it will destroy the algebraic structure of the encrypted data. Afterwards, this will make it impossible to process the encrypted data.
- Then, the additional data can be embedded into the encrypted image by shifting histogram of the absolute differences.
- The additional data is embedded into two pixels and the embedding rate is 0.67 bits per pixel
- The receiver uses secret key and decryption key for extracting the data and the cover image from the encrypted image and then use CP-ABE to verify.
- In Attribute-based encryption (ABE), the cipher text includes a policy to indicate its receivers and only those receivers can correctly decrypt.
- So, In this way the end users or others can communicate the confidential information one-to-one, Hence this type of encryption helps to protect from Phishing etc..

Strengths

- Self-Motivation
- Leadership Activities
- Time Management

Hobbies

- Listening music
- Travelling
- Playing games

Personal Details

Date of Birth : 05 June 1999
Father name : G. Ramesh Kumar
Nationality : Indian
Languages : English, Telugu, Hindi

Declaration

I hereby declare that the above mentioned details are true to the best of my knowledge.

Date:

Place: Chennai

(Sai Prudhvi Gunda)