VENKATESH KORRA

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SUMMARY

Hardworking Student offering part-time work experience and extensive knowledge of core subject matter. Meticulous and detail-oriented with excellent observational, organizational and communication skills.

EDUCATION

- **Bachelor of Science, Computer Science,** 07/2023
  Sphoorthy Engineering College - Hyderabad
  - 7.29 GPA/CGPA
- **12th, MPC,** 07/2019
  New Sri Chaitanya Junior College - Hyderabad
  - Final Grade: 82.5%
- **10TH,** 07/2017
  Gouree Chandra High School - Hyderabad
  - Final Grade: 82%

EXPERIENCE

1. **AWS Virtual Internship**, 10/2021 - 12/2021
   AICTE, HYDERABD

- Creating Ec2 instances with various operating systems and with various configuration.
- Creating S3 bucket with version control and different storage classes.
- Create IAM role with new groups and attaching new policies to it.

2. **AWS AI-ML Virtual Internship**, 03/2023 - 05/2023
   AICTE, HYDERABAD

- Learning AWS AI-ML Platform. Managing, Monitoring and Training new Models.

PROJECTS

1. **Avoiding Accidents Through Regulating Traffic**

- Avoiding accidents through regulating traffic" is an IEDC Project.
- It is an IOT-based project to regulate traffic at junctions using barricades and controlling traffic lights.
- Automatically changing traffic lights based on traffic density and for the Emergency vehicle commute.
- The following are the components used Arduino Uno board, IDE, PWM driver, Alarm Sensor, DC motors, and RFID Tags.
- It Allows Emergency vehicles to pass through the traffic by using RFID Tags which turns all other traffic lights to red and turns this route to green and turns red after some constant time to allow

PROFILES

- www.hackerrank.com/venkatchowhaan?hr_r=1
- https://www.linkedin.com/in/venkatesh-korra/

SKILLS

- Problem-solving
- Teamwork
- Programming
- JAVA
- Python
- HTML
- CSS
- MySql
- AWS
- JavaScript
- Git
- C
- C++
- GitHub
- React.Js

LANGUAGES

Telugu

Bilingual or Proficient (C2)

English

Advanced (C1)

Hindi

Advanced (C1)

emergency vehicles to pass.

2. **Quick Witted Security System" using openCV**
   - It is a Python-based project uses OpenCV library for facial recognition and Monitoring purposes.
   - This project helps in facial authentication and Theft Detection through surveillance camera.
3. **Two-Fold Machine Learning Approach To Detect and Prevent IOT Botnet ATTACK**
   - It is a machine learning project which monitors Iot device network for malware and virus detection.
   - At first the model is train with data collected from open source databases which contains new and old malware data.
   - The data is separated as train and test. The model is trained with Auto-Encoder, Decision Tree and DNN algorithms.
   - The Model selects Best algorithms to use for testing by considering the algorithm with best f1 score, and accuracy.

CERTIFICATIONS

- Java Certification, HackerRank
- Python Certification, Coursera
- Front-end App with React, IBM Skill Network
- MySql, Scaler
- HTML5, CSS3, Pirple
- JavaScript, Great Learning
- Git, Great Learning
- AWS Cloud Foundation, AWS Academy
- Learnathon 2021, ICT Academy
- Image Processing, MathWorks
- Build your first Android app, Coursera
- Cybersecurity Essentials, Cisco