Cheekireddy Dhamini

Passionate to learn new skills and to secure a challenging position in a reputed organization to expand my knowledge and skills.

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EDUCATION

Degree/Grade	Institution	Score
B.Tech(UG) in Computer Science (AI&ML)	Sri Ramachandra Faculty of Engineering	9.1(CGPA) (for 4 semesters)
Senior Secondary	Narayana Junior College(State Board)	9.94(CGPA) (2018-2020)
Higher Secondary	Mythilee English Medium High School (State Board)	10(CGPA) (2018)

EXPERIENCE

AI-ML Internship Trainee(Xerion Labs)

January 2022 - March 2022

- **Project Title:** Data generation for 1cm subpleural nodules using CT scan images.
- Developing a model for detection of cancer nodules using SVM, LVQ, Random Forest and CNN.
- Segmented the nodules using and viewed the nodules.

Data Analysis(International conference for Emerging Technology)

May 2021 - July 2021

- Visualization of the data using tableau
- Developed a ML model for prediction of views for a show
- Deployed insights and results in AWS using AWS.

CONFERENCES & PUBLICATIONS

2022 International Conference on Innovative Trends in Information Technology(ICITIIT)(13/02/2022)

- **Paper ID:** DOI: 10.1109/ICITIIT54346.2022.9744139
- **Paper Name:** Auto-Encoder LSTM for learning dependency of

TECHNICAL SKILLS

Programming Languages:
C, Python3.8,
 R, Java (>1.6),
Golang

ML/AI Tools:
Python Scripting, Tensorflow, keras,
PyTorch,ScikitLearn,
Pandas

Cloud Platforms:
AWS, GCP

Visualization Tools:
Tableau, Matplotlib, Plotly,
Microsoft's PoweBI

Web Tools:
HTML, Angular5, CSS, NodeJS,
Javascript, Backend using MongoDB
and reactJS

DataBase
SQL, MySQL, MongoDB, Cassandra
DB for NOSQL, DBMS, Relational
DataBase

IT Constructs:
DSA, OOPs, DBMA, OS

Tools:
Excel, VisualStudioCode,
Workbench, Jupyter Notebook,
R studio

CERTIFICATES(MOOC Platforms)

Supervised Machine Learning
From Stanford University(Coursera)

Natural Language Processing

Python (HackerRank)

Google Analytics

traffic by sequencing spatial-temporal traffic flow rate

Submitted a Chapter for CAIAMHS-1

- January 2022 - June 2022 (IN-PROGRESS)
- **Paper Name:** Analysis of cardiac dynamics and Assessment of Arrhythmia by classifying HeartBeat using electrocardiogram.

PROJECTS

Classification of lung disease in chest X-ray using deep learning techniques

July 2022 - August 2022

- Detection of Covid 19, Pneumonia and Tuberculosis using x-ray images, classified using Deep learning techniques like CNN, ResNet152, Random Forest, Homogenous CNN + ResNet152

Data Visualization on Airbnb Dataset

April 2022 - June 2022

- Visualization of the data using tableau
- Deploying the insights of the dataset in a website.

Customizable website (Idea based)

February 2021 - March 2021

- A web page, created to represent an idea i.e. customize the website(colors) based on the interest of the user. Which can be implemented in real-time websites in order to provide more feasibility to the user.

Home Automation System

December 2020 - January 2021

- Home Automation system developed using arduino and Google assistant,which can be operated using wi-fi and voice recognition

ACHIEVEMENTS

- **6 starts @ HackerRank (3 - Python, 3 - Java)** – Till date
- Received a scholarship from **Founder Chancellor Merit-cum-Means Scholarship** for the year 2021-22

Google Data Analysis(Specialization)

Fundamentals of Digital Marketing(Google)

LANGUAGES

Telugu(Native or Bilingual Proficiency)
English(Working Proficiency)
 Hindi(Limited Proficiency)
German(A2)

INTERESTS

Deep Learning,
Cloud Services,
Medical AI,
Big Data Analysis,
Natural Language Processing,
SCM,

HOBBIES

Solving Sudoku,
Yoga