SNEHITH KONGARA

M.S - UT Arlington (Computer Science) | Ex-TCS

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Portfolio Website https://snehith529.github.io/snehithkongara/

EXPERIENCE

Data Scientist
Research Assistant

📅 September 2023   📍 UTARI, Fort Worth, TX, USA

- Data curation and statistical analysis on proprietary medical datasets led to 10 percent-time reduction – Fall 2023
- Currently focusing on improving human position detection using machine learning for smart cushion functionality – Spring2024

Java Developer
Systems Engineer

📅 July 2021 - December 2022   📍 TCS, India

- Delivered Micro services based solutions using Spring boot framework and a Business Process Model and Notation (BPMN) tool Camunda
- Worked on Production issues, delivered client requirements in an Agile methodology, ensuring 95% defect free code

Machine Learning Intern
Internship

📅 Mar-June, 2021 ; May - Aug 2020   📍 Indian Servers, India

- Worked on projects using Deep learning, GAN's and transfer learning and implemented Machine Learning models associated with regression and classification problems

PROJECTS

BRAIN TUMOR CLASSIFICATION USING DEEP LEARNING NETWORK
International Conference on Microelectronics, Computing, Communication Systems (MCCS-2021)

📅 2021   📍 Jharkhand, India

- Detect brain tumors using MRI images with Residual Network
  Tech Stack: Pandas, Numpy, Tesnorflow, Matplotlib Python

DETECTION OF FAKE SATELLITE IMAGES USING DEEP LEARNING
International Conference on Recent Trends in Intelligent Systems and Networking (ICRTISN-2022)

📅 2022   📍 Andhra Pradesh, India

- Developed a deep learning model that detects fake satellite images using specialized hand crafted features and ResNet50 features
  Tech Stack: GAN, Numpy, Pandas, Python

DETECTION AND CLASSIFICATION OF LUNG CANCER USING VGG-16
International Conference on Electronic Systems and Intelligent Computing (ICESIC)-2022

📅 2022   📍 Andhra Pradesh, India

- Developed a Machine learning model that detects Lung Cancer using VGG-16
  Tech Stack: Numpy, Pandas, Seaborn, Python

EDUCATION

The University of Texas at Arlington
Masters of Science in Computer Science

📅 Jan 2023 - Aug 2024   📍 Arlington, Texas, USA

CGPA: 4.0/4.0
Spring 2023 - Data Mining, Data Analytics and Modelling Techniques, Design and Analysis of Algorithms
Summer 2023 - Database Systems, Software Engineering: Management, Maintenance, And Quality Assurance
Fall 2023 - Artificial Intelligence, Machine Learning, Distributed Systems

Jawaharlal Nehru Technological University, Kakinada
Bachelors in Computer Science and Engineering

📅 Jul 2017 - Jul 2021   📍 Andhra Pradesh, India

CGPA: 8.99/10.0
Courses: Data Analytics, Machine Learning, Data Structures, Database Management Systems, Cryptography and Network Security

SKILLS

Machine Learning, Deep Learning

Numpy, Pandas, Tensor flow

Tableau, ggplot   Github, API's, Agile

Spring boot, Camunda

HTML, CSS, JavaScript

Python, R, Java, C   SQL, XAMPP

CERTIFICATES

- Introduction to Data Science by Cisco Networking Academy
- AWS Certified Cloud Practitioner Certification
- 98-381: MTA: Introduction to Programming Using Python by Microsoft
- Data Analytics Essentials by Cisco Networking Academy
- CCNAv7: Switching, Routing, and Wireless Essentials by Cisco Networking Academy
- Introduction to R Software by NPTEL