

AKSHAYA MAMIDI

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EDUCATION

Old Dominion University

Master of Science in Computer Science

Chaitanya Bharati Institute of Technology

Bachelor of Engineering in IT; CGPA: 8.28/10

Aug 2023 – May 2025

Norfolk, VA

Jul 2019 – June 2023

Hyderabad, India

SKILLS

Languages : C, C++, JAVA, JAVASCRIPT, PYTHON, HTML, CSS, SQL

Platforms : Visual Studio, Jupyter, Pycharm, Tableau

Frame works : Matplotlib, NumPy, Keras, Tensor Flow, Sklearn, Open CV

Soft Skills : Communication, Problem Solving, Critical thinking, Flexibility, Management Skills, Adaptability, Teamwork

PROJECTS

Plagiarism Detector: The system is designed to detect similarity among text documents and calculates content similarity among specified documents. This system is simple and easy to access. This system will give accurate results based on the content provided and will generate results in very less time.

Software used: python3.8, MySQL installer5.2 python3.8, sklearn MySQL workbench.

E-Health Care: E-Health Care is an organized computerized system designed and programmed to deal with day-to-day operation and management of hospital activities. The program can look at patient reports, and hospital information.

Software used: Xampp Control Panel, Java, JFrame, NetBeans8.2

MAJOR PROJECT: Traffic Sign Recognition Using Federated Learning

A deep Auto-Encoder system is described that detects and recognizes distorted traffic signs with high accuracy. Using the Federated algorithm also protects the user's privacy. ResNet50 is the local model which is passed by the global model to the users.

Software used: Kaggle, jupyter notebook

CO-CURRICULAR ACTIVITIES

- Chief Student Co-ordinator of Tecstasy (Technical Fest of CBIT) – [link](#)
- Participation in Ethical Hacking & Cyber Security (Level -1) Workshop – [link](#)