HAJEERA KHANUM

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EDUCATION

M.Tech - Computer Science
Rajeev Institute of Technology- Hassan, India

12/2020 - Present *CGPA: 8.03*

Courses

- Artificial Intelligence
- Advanced DBMS
- IOT
- Blockchain Technology
- Deep Learning
- Machine Learning
- Advanced Algorithms
- Data Science
- Cloud Computing
- Robotics & Automation

B.E - Computer Science
Rajeev Institute of Technology- Hassan, India

08/2016 - 09/2020

INTERNSHIPS

Student Intern
Loginware Softtec Pvt.Ltd

09/2021 - 10/2021 *Hassan, India*

Projects

- Worked with Artificial Intelligence and Computer Vision technology like OpenCV- Python.
- Implemented real-time project with Hand Landmarks using Google's mediapipe framework.
- Utilizing high impact features like capturing and recognize various hand gestures and hand tip gestures.

Student Intern
Loginware Softtec Pvt.Ltd

07/2019 - 08/2019 *Hassan, India*

Projects

- Buit the design and development of system using IOT and Machine Learning on Raspberry Pi Platform and Python Enterprise Applications.
- Designed and implemented a cafe billing system to create minimum viable product with tkinter (Python).
- Productionized a service that automatically pushes to Cloud and IOT to built GUI Application.

SKILLS

JavaScript | Python | C++ | HTML | CSS | SQL | Machine Learning | Microsoft Excel

PROJECTS

Shopie (2022)
- Shopie is a responsive e-commerce website initially focused on online products sales such as consumer electronics, home essentials and so on.
- Designed using HTML, CSS, Javascript and PHP pdo.
- UI Tool: Figma

AI based Real-Time Virtual Examination System using Computer Vision and Google's MediaPipe (2021)
- Implemented using Python, MediaPipe framework, OpenCV, TensorFlow, NumPy. Makes use of hand gestures to perform exam .
- Works very well in real-world application where there is no space to use input devices.
- Tool: Pycharm

Phishing Website Detection based on Multidimensional Features driven by Deep Learning (2020)
- Analysed various security issues in Phishing attacks on internet with an attempt to suggest a model of security implementation.
- Built with Machine Learning algorithms like Random forest, Decision Tree, Neural network, Linear model.
- Tools: Anaconda Python, Spyder IDE, Jupyter Notebook

PERSONAL PROJECT

Portfolio Website (2019 - Present)
- Maintainig the website interactive while applying the HTML, CSS and JavaScript skills

RESEARCH ACTIVITY

Published and Presented a paper titled "Smart Presentation Control by Hand Gestures Using Computer Vision and Google's MediaPipe" (07/2022 - Present)
International Research Journal of Engineering and Technology (IRJET)