

# HUMA HUSSAIN

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## CAREER OBJECTIVE

To seek a position where I can effectively put my knowledge to use and further enhance my current skillset to prepare myself for future endeavors.

## KEY COMPETENCIES

**Programming Languages** - Java, C, C++, Python, JavaScript, PHP, C#

**Web Technologies** - HTML5, CSS3, React, TypeScript, VueJS, NodeJS, Bootstrap, Responsive Web Design

**Database & Cloud** - MySQL, JSON, Sybase, DB2, BigQuery

**Coursework & Certifications** - Web Application Development, Big Data Mining, Artificial Intelligence, Data Science using Python, Big Data Analytics, Using Python to Access Web Data, Machine Learning

**Tools & Libraries** - GitHub, Figma, Postman, Pandas, Numpy, Matplotlib, Scikit, Twinkter, Seaborn

## PROFESSIONAL EXPERIENCE

**Goldman Sachs Services & Co.**

**Jul 2023 - Jul 2024 | Bengaluru, India**

**Software Analyst**

- Validated and monitored software controls that mitigate risks surrounding different asset classes (specifically Forex and Commodities) within electronic trading.
- Created and monitored multiple internal tracking and governance tools to facilitate the validation of controls that mitigate critical and common risks.
- Conversed and negotiated with several business activity owners to rectify any risky gaps with their systems.

**Goldman Sachs Services & Co.**

**Jul 2022 - Aug 2022 | Bengaluru, India**

**Summer Analyst - Intern**

- Developed an observation tool to track and handle potential risks faced by the organization during electronic trading.

**Neumeric Technological Corps.**

**Jun 2021 - Sep 2021 | Hyderabad, India**

**Software Development - Intern**

- Contributed to web technological sites as a designer as well as a backend developer using HTML, CSS, PHP, WordPress and JavaScript.

## PROJECTS

**Receiptaurant**

**React, Typescript, Node.js, LLM**

A receipt management system enabling users to view and compare surcharges across restaurants, make dining decisions based on rates, integrate location features using Google Maps API and enhance user experience with generative AI LLM.

**Animal Encroachment Detection**

**Python, ML, OpenCV, CNN**

An intrusion detection system using surveillance cameras, incorporating motion detection, CNN-based object classification, data augmentation for improved model accuracy, night vision enhancement for low-light functionality, and an alert system to notify farmers of intrusions.

**Android Malware Detection**

**Python, ML, Genetic Algorithms**

A machine learning model that performs Android malware detection, utilizing Genetic Algorithms for feature selection and implementing classification algorithms such as Logistic Regression, KNN, and SVM to optimize detection accuracy.

## EDUCATION

**Master of Science in Computer Science**

**University Of Illinois at Chicago, Chicago, IL**

Aggregate - 4.0/4.0

Aug 2024 - Present

**Bachelor of Engineering in Information Technology**

**Osmania University, Hyderabad, IN**

Aggregate - 3.9/4.0

Aug 2019 - Jun 2023

## EXTRACURRICULAR ACTIVITIES

As the Editor-in-Chief of the college newsletter, I headed a team of 40+ in managing Newsletter Editions (twice a year). Also, I curated content and maintained social media marketing for The Samariteens of Hyderabad (Non- profit Organization) and Girl-Up She United.

## PAPERS PUBLISHED

- Euphonia: Music Recommendation System Based on Facial Recognition and Emotion Detection
- Animal Encroachment Detection in Farms: A Survey