SYED OMER HUSSAIN

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SUMMARY

Dedicated IT Enthusiast with a proactive and adaptable approach, possessing strong technical expertise and a solid foundation in programming. Committed to deliver high-quality results with precision and attention to detail. A collaborative team player and effective communicator, driven by a passion for continuous learning and achieving excellence.

EDUCATION

Illinois Institute of Technology, Chicago, IL   MAY 2027
Master of Science, Information Technology

Deccan College of Engineering and Technology, Hyderabad, India   JUNE 2025
Bachelor of Engineering, Information Technology, GPA, 7.4

SKILLS

- **TECHNOLOGY**: C, C++, HTML/CSS, Python/Django, JAVA, MySQL
- **EXPERTISE**: Teamwork, Technical Analysis, Problem Solving, Inquisitive, Time Management
- **LANGUAGES**: English, Hindi and Urdu

WORK EXPERIENCE

PYTHON INTERN
DATAPOINT IT & HARDWARE PVT. LTD, Hyderabad, India   JAN 2024 - FEB 2024

- Assisted the development team in designing and implementing Django-based web applications, contributing to backend logic and API integrations.
- Played a key role in the credit card fraud detection system project, helping to preprocess data, train predictive models, and optimize fraud detection accuracy.

PROJECT EXPERIENCE

Speech Enhancement using Residual CNN:
This project focuses on improving the quality and intelligibility of speech signals by effectively suppressing noise and distortions. Residual connections facilitate the learning of deeper network architectures, ensuring efficient feature extraction and reconstruction of clean speech while preserving original signal characteristics.

Static Keystroke Dynamic Authentication (SKDA):
This project focuses on enhancing user authentication through static keystroke dynamics by incorporating non-conventional features such as NumLock, Shift, and CapsLock keys. The aim is to capture and model these alternative inputs to improve identity verification accuracy.

HONORS AND ACHIEVEMENTS

- Developed a game using Scratch software at the age of 15 for a competition organized by CSC Company and secured second prize
- Tutored dozens of students, ages 10-18 in multiple subjects including math and science on a weekly basis during undergraduate degree.
- Completed CS50P (Introduction to Programming by Python) course by Harvard and received certification.
- Secured first prize in model making at a tech fest organized by university during undergraduate studies.