


 @heyubaidullah

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 heyubaidullah

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UBAIDULLAH KHAN

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WORK EXPERIENCE

Graduate Research Assistant - Engineering

ScooterLab - UTSA | 11/23 - Present

- I lead the end-to-end design, development, and deployment of front-end systems, employing 3D printing and rigorous prototype testing; integrating sensors, boards, and software.

Web Manager

CommLab India LLP | 09/22 - 07/23

- Engineered backend solutions for automation software, spearheaded the web development team and leveraged advanced technologies including HTML, CSS, JS, Java and WP to optimize system performance and user experience. Achieved an OR of 97% p/q.

Research Intern

Think.AI Labs | 11/21 - 02/22

- Executed IoT projects and assisted in a research paper on AI & IoT applications and integrations within the Supply Chain industry.

RESEARCH PUBLICATION

Recipe creation using food images through Inverse Cooking

International Journal of Algebraic Statistics - Vol 13, No. 3, 2022

PROJECTS

Paralanguage Communication through CNN

Enabling non verbal communication through gestures

Chatbot using Deep Learning

Web Based Chatbot to Automate Communications

Data-Driven Crop Yield Forecasting

A Machine Learning Approach to Sustainable Food Security

Pile up

AI Powered Storage Application - Personal project

EDUCATIONAL HISTORY

University of Texas at San Antonio

Masters - CS | Aug 2023 - May 2025 | 3.77/4

Jawaharlal Nehru Technological University - LIET

Bachelors - CS | Jul 2018 - Aug 2022

LEADERSHIP & VOLUNTARY ROLES

President

Lords Entrepreneurship Development Cell | 01/21 - 01/22

- Led a 300+ member organization, overseeing strategic planning, operational leadership, and achieving significant growth with a 4% month-over-month increase and a 97.6% satisfaction rating.

Core Committe Vice President

AIESEC in Hyderabad | 08/20 - 01/21

- Recognized as the top-performing team of the quarter for achieving preset goals through collaborative efforts with diverse national teams, yielding exceptional results.

PROGRAMMING LANGUAGES KNOWN

- C
- HTML - CSS
- Java
- JavaScript
- MySQL
- Python

SOFT SKILLS

- Critical Thinking & Problem Solving
- Leadership
- Teamwork
- Verbal & Written Communication

TOOLS & LIBRARIES

- Git
- Github
- VS Code
- Pandas
- Numpy
- Keras
- Tensorflow
- PyTorch
- Matplotlib
- Jupyter
- Hadoop
- Spark

TECHNICAL SKILLS

- Application Development
- Architectural Modelling
- Automation
- Big Data Tech
- Database Management
- Data Visualization
- Frontend Systems
- Hardware Engineering
- Networking
- Research & Development
- Software design & development
- Software Testing
- Web Development

CERTIFICATES

- NSF MATRIX AI Spring School
- CyberAI Winter School
- ML A-Z
- Microsoft Office Specialist

AWARDS & HONOURS

- Best Research Poster III (2024)
- Customer Acquisition Award (2023)
- Leader of the Year (2022)
- Best Performance Award (2021)
- First Prize Winner - Hidden Secrets of Technology (2020)
- Excellency award (2018)
- GrayMatters Scholarship for Best Outstanding Student (2016)
- Wiz Spelling Bee Champion - Intra School (2015)