

Md A Rahman

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Work Experience

Texas tech University

GRADUATE RESEARCH ASSISTANT

- TransTech Transportation Lab
- Department of Civil, Environmental and Transportation Engineering

Lubbock, Texas

Feb. 2025-Current

ONE STOP IT SOLUTIONS

SOFTWARE ENGINEER(ML/DL)

- Develop and deploy ML/DL models for various applications, ensuring scalability and performance.
- Collaborate with cross-functional teams to design, test, and deploy AI-driven solutions, providing expertise in model training, optimization, and performance evaluation.

Dhaka,Bangladesh

Jun. 2024 - Aug. 2024

IMPIT LIMITED

DATA ANALYSIS ASSISTANT

- Collect, clean, and preprocess datasets to ensure data integrity and readiness for analysis.
- Perform exploratory data analysis (EDA) to identify trends, patterns, and key insights that inform business decisions.
- Create data visualizations and reports to communicate findings clearly to stakeholders, using tools like Python, Excel, or Tableau.

Dhaka, Bangladesh

Jul. 2023 - May. 2024

CHENGDU SUNCAPER DATA CO. LTD

BIG DATA ANALYST, TEAM LEADER-INTERN

- Completed impactful Big Data internship. Applied Big Data methodologies, extracting actionable insights for informed decision-making.
- Employed Apache Spark to develop websites and portals, showcasing adeptness with real-time analytics and large dataset handling.
- Collaborated on efficient data processing pipelines, utilizing Hadoop and Hive for optimized data management. Demonstrated expertise in distributed computing and data processing architectures. Improved data quality.
- Proven troubleshooting skills for data-related challenges. Committed to ongoing learning and staying updated on Big Data advancements.

Chengdu, Sichuan

Nov. 2021 - Apr. 2022

SCU CAMPUS LIBRARY

IT EXECUTIVE | PART-TIME

Chendu, Sichuan

Honors & Awards

INTERNATIONAL

2023	Sichuan University 2023 Outstanding Graduate , Won the Title of “Sichuan University 2023 Outstanding Graduate	Chendu, Sichuan
2019	Belt and Road Initiative Scholarship , Offered During B.Sc	Chendu, Sichuan
2017	Excellency in Debate , Recognized as the top first speaker in school debate.	Dhaka, Bangladesh
2015	Physics Olympiad , Secured first place in the state Physics Olympiad 2015.	Dhaka, Bangladesh
2015	Best Sprinter Award , Held the title of the school's top sprinter from 2010 to 2015.	Dhaka, Bangladesh
	Govt. Scholarship Award , Received government scholarships for outstanding academic performance during primary, junior, and higher secondary schooling.	Dhaka, Bangladesh
	Swimmer , Received Zilla School Best Swimmer tag (2012-2015).	Dhaka, Bangladesh
	Climber , I participated in my inaugural climbing competition in the year 2014. .	Dhaka, Bangladesh

Education

TEXAS TECH UNIVERSITY

M.SC IN COMPUTER SCIENCE

- Got Competitive Scholarship

Lubbock, Texas

Jan. 2025-Present

SICHUAN UNIVERSITY

B.S. IN COMPUTER SCIENCE AND SOFTWARE ENGINEERING

- Got Belt and Road Initiative Scholarship
- GPA- 3.65, Weighted Mark – 85.
- Service- Served as Class Monitor for the 2020 academic session.

Chendu, Sichuan

Sep. 2019 - Jun. 2023

Thesis

Extracurricular Activity

Blood Donation Management System

TECH SUPPORT

- I held the role of a technical leader in the Blood Donation Management System.

Project Team Leader

LEADER

- Led a project team in Internship Core, coordinating tasks and ensuring successful project completion within deadlines.
- Demonstrated strong organizational and team management skills by overseeing a team of 5 members to achieve project goals.

Farming/Agriculture

- evolved from ancestors, and I began my journey in agriculture at very early. As a result, I have acquired substantial knowledge about farming.

Technical Skills

Technical Skills:

Programming Languages: Python, C, C++, Java

Operating Systems: Ubuntu (primary), Windows

Machine Learning & Deep Learning: PyTorch, TensorFlow, Keras, Poutyne

MLOps Tools: Weights & Biases, TensorBoard

Libraries & Data Tools: NumPy, Pandas, OpenCV, scikit-learn, Matplotlib

Model Deployment: FastAPI, Streamlit, Flask

Version Control: Git, GitHub

IDEs: PyCharm, VS Code, MATLAB

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