

Tauhid Hasan

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OBJECTIVE :

To leverage my strong foundation in machine learning, neural networks, and data analysis, combined with hands-on project experience, to contribute to innovative solutions in the field of artificial intelligence and software development. I aim to apply my technical expertise and research background to drive impactful advancements, while continuing to learn and grow within a dynamic and challenging environment.

PROFESSIONAL SKILLS:

- **Machine Learning:** Random Forest, Naive Bayes, Logistic Regression, Support Vector Machines (SVM), Decision Trees, K-Nearest Neighbors (KNN)
- **Neural Network:** LSTM, RNN, GRU
- **Data Analysis:** Skilled in analyzing data using Pandas, NumPy, Matplotlib, and Seaborn for trend analysis and reporting.
- **Programming:** Python, C#, C++, Java, PHP, SQL.
- **Web Development:** Basic front-end and back-end development.

EDUCATION:

2022- Present	Bachelor of Science, Department of CSE <i>American International University Bangladesh</i> CGPA - 3.93/4
2018-2019	Higher Secondary Certificate (Science) <i>Collectorate School and College, Rangpur</i> GPA -5.00/5.00

RESEARCH EXPERIENCE:

2024	Conference Session Co-chair <i>International Conference on Neural Information Processing (ICONIP 2024) – Online</i> <i>Auckland, New Zealand, December 2–6, 2024</i> <ul style="list-style-type: none">• Facilitated virtual sessions, ensuring smooth transitions and adherence to the schedule. Moderated live Q&A discussions and handled technical aspects in an online setting.
2024	Research Assistant in Sentiment Analysis and ML <i>American International University Bangladesh</i> <ul style="list-style-type: none">• Conducted research on sentiment analysis using AI methodologies.• Collaborated with a multidisciplinary team on innovative approaches in NLP.• Utilized Keras for model building and leveraged tools like Pandas and NumPy for data-driven decision-making.

PROJECT:

2024	Data Scraping from Twitter <i>American International University-Bangladesh</i> <ul style="list-style-type: none"> Utilized libraries and tools to scrape data from Twitter, analyzing trends and user sentiments for various projects.
2023	CookEase Software Project <i>American International University-Bangladesh</i> <ul style="list-style-type: none"> The software provides a user-friendly interface for cooking assistance. Utilized C#, Microsoft SQL Server for database management, and applied best practices.
2022	Organ Database System <i>American International University-Bangladesh</i> <ul style="list-style-type: none"> Developed a functional database management system with MySQL.

Certifications:

- **Deep Learning** by *Infosys*
- **Career Essentials in Data Analysis** by *Microsoft and LinkedIn*
- **Critical Thinking for Better Judgment and Decision-Making** by *Project Management Institute*
- Other certifications available on LinkedIn: [LinkedIn Profile](#)

Extracurricular Activities:

2017	Presiding Officer - School Student Election, Mithapukur Govt. High School <ul style="list-style-type: none"> Led student elections, fostering democratic processes and engagement.
2016	Inter-School Sports Champion, Begum Rokeya Shisu Nikaton, Mithapukur <ul style="list-style-type: none"> Secured 1st prize in the inter-school sports competition, showcasing sportsmanship, teamwork, and athletic prowess.

HOBBIES:

Exploring and Learning:

- I have a perpetual interest in exploring and learning new concepts within the field of computer science.

AWARDS:

2023	Dean Award (Fall 2023-24, Spring 2022-23) <i>American International University Bangladesh</i>
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REFERENCE:

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