



Md Muzahidul Islam

Nationality: Bangladeshi **Date of birth:** 17/12/2001 **Gender:** Male

Phone: (+86) 13949121424 **Email:** muzahidulislam@qq.com

WeChat: mmuzahidul_islam

LinkedIn: [muzahidul-islam](https://www.linkedin.com/in/muzahidul-islam)

Home: Fengyang Street Room 1802, Unit 2, Building 1, Taoli Garden, High-tech Zone, 450000 Zhenzhou (China)

ABOUT MYSELF

As a Software Engineering student in my final year at Zhengzhou University, I have cultivated a solid understanding of data-driven problem-solving and software development, with a focus on deep learning, machine learning, and related areas applications. Proficient in Python, data visualization, and various machine learning libraries, I am passionate about exploring how AI can solve complex real-world problems. I am particularly drawn to research in neural networks, computer vision and related areas, aiming to further my technical skills and research experience through a master's program under expert supervision.

EDUCATION AND TRAINING

Undergraduate

Zhengzhou University [01/09/2021 – Current]

Address: 100 Kexue Road, Zhongyuan District, 450001 Zhengzhou (China) | **Website:** <https://www.zzu.edu.cn/> | **Field(s) of study:** Software Engineering | **Final grade:** 6th Semester 2024; CGPA: 3.29 (Out of 4) | **Level in EQF:** EQF level 6

Higher Secondary School Certificate (HSC)

SHAHEED MUKTIJODHYA MAHABIDYALYA [01/07/2017 – 01/04/2020]

City: Tala, Satkhira | **Country:** Bangladesh | **Website:** www.smcollegetala.edu.bd | **Field(s) of study:** Science | **Final grade:** CGPA : 5.00 (Out of 5) | **Level in EQF:** EQF level 4

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s): English | Urdu | Chinese

DIGITAL SKILLS

Machine Learning / Ensemble Algorithms - Bagging (Random Forest) and Boosting (AdaBoost, GradientBoosting XGBoost) / Deploying with Streamlit / GIT version control, Linux Command / programming: Python, MATLAB and SQL / Basic Java, HTML, CSS / Atlassian stack (Jira, Confluence, ...) / Notion user

Python Libraries: NumPy, Pandas, Seaborn, Matplotlib, Sklearn

IDE: Visual Studio, IntelliJ IDEA, PyCharm, Jupyter Notebook

RESEARCH INTERESTS

Artificial intelligence

I am passionate about artificial intelligence, focusing on **Machine Learning, Deep Learning, Computer Vision, Multimodal Learning, XAI, AR & VR, Reinforcement Learning**, and related areas. I actively pursue independent research, engage in online courses, and participate in forums to stay current with the latest developments in the field. I am driven to solve real-world problems through innovative AI solutions.

PROJECTS

Movie Recommendation System

Developed a content-based Movie Recommendation System using machine learning techniques. The model uses a count vectorizer to analyze movie descriptions and calculates similarities between movies using cosine similarity. It shows the top 10 movie recommendations based on searched movies and fetches movie posters via the TMDB API. Deployed the application on Streamlit for an interactive web interface.

Link: <https://z-movie-recommendation-system.streamlit.app/>

Healthcare Premium Prediction

Developed a machine learning model to predict health insurance claims, improving risk assessment and premium pricing. The model uses historical claims data and customer demographics to predict claim likelihood, helping with resource allocation and decision-making. Applied data preprocessing, feature engineering, and model tuning to improve accuracy. After testing several algorithms, I chose Linear Regression and XGBoost for better accuracy.

Link: <https://ml-project-helthcare-premium.streamlit.app/>

[11/09/2023 – 18/12/2023]

Canteen Recommendation System

In my fifth semester during the Software Requirements Engineering course, I led a team to develop a comprehensive Software Requirements Specification (SRS) for a Canteen Recommendation System, demonstrating expertise in analyzing user needs and system requirements. This project enhanced my skills in structured documentation, stakeholder communication, and translating real-world needs into actionable technical solutions

MANAGEMENT & LEADERSHIP SKILLS

University Group Project Leadership Experience During Academic Courses

Throughout my academic journey, I led a few group projects across different courses, including developing a mobile app, creating an SRS document, and researching GPU utilization in parallel computing. These experiences enhanced my leadership and technical skills in team environments.

RECOMMENDATIONS

Name: Dr. Xiaofei Nan | Associate Professor
School of Computer Science and Artificial Intelligence
Zhengzhou University
100 Kexue Road, Zhengzhou 450000
Henan, P. R. China.
E-mail: iexfnan@zzu.edu.cn

Name: Dr. Li Yafei | Professor
School of Computer Science and Artificial Intelligence
Zhengzhou University
100 Kexue Road, Zhengzhou 450000
Henan, P. R. China.
E-mail: iefli@zzu.edu.cn

Thank you for reviewing my application. I look forward to discussing how I can contribute to your team.