

MD Zuleyenine Ibne Noman

Institute Of Information Technology, Jahangirnagar University, Saver, Bangladesh
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Highly motivated researcher with a passion for applying artificial intelligence and data science to advance the field of biomedical engineering. Driven to contribute to the 4th Industrial Revolution through innovative applications of AI and data science in Bangladesh.

EDUCATION

Master of Science in ICT (In Progress)

Institute of Information Technology, Jahangirnagar University, Bangladesh.

2024-2026

Bachelor of Science in ICT

Institute of Information Technology, Jahangirnagar University, Bangladesh

2019-2024

CGPA: 3.77/4.0

RESEARCH AND PROJECT

Bachelor's Thesis

A Transfer Learning Based Ensemble Approach for Lung Nodule Classification using Lung CT Images with Explainable AI on **LIDC-IDRI** Dataset. **Responsibilities:** Assisted in designing and implemented the proposed model using **transfer learning** and **ensemble techniques**. Contributed to **data preparation** and utilized Explainable AI methods under the guidance of the supervisor. (Supervisor: Mohammad Abu Yousuf, PhD Professor)

[Details Link](#)

UGC Project

Automated Autism Spectrum Disorder (**ASD**) **Detection** using Deep Learning. **Responsibilities:** Preprocessed the dataset for machine learning and implemented a **YOLO v8** single-stage **CNN model** for ASD detection. (Supervisor: Dr. Md. Sazzadur Rahman, Professor)

[Project Link](#)

AI Lab Project:

Novel Machine Learning Model using Ensemble Learning and High-Performance Filter for Lung Cancer Prediction. **Responsibilities:** Assisted in designing and implemented a machine learning model utilizing ensemble learning and high-performance filters for lung cancer prediction.

[Project Link](#)

E-commerce System (Python, Django Framework):

- Designed and developed a **full-stack e-commerce** system following the **MVC** software development process.
- Implemented functionalities for product management (information, pricing, search), user **authentication** (registration, login), and a **shopping cart** system. **PostgreSQL** is used as the database.
- Integrated a **chatbot** to enhance user experience

[Project Link](#)

Android Expense Tracker Mobile App:

Utilized **Java** for app development and leveraged **Google Firebase** for data storage and management.

[Project Link](#)

Student Management System:

- Developed a web application for managing student information.
- Implemented **CRUD** (Create, Read, Update, Delete) functionalities for student data.
- Utilized **Node.js** for the backend server and **HTML, CSS, and JavaScript** for the front-end user interface.

[Project Link](#)

Blood Bank Management System Design:

Designed a user interface for a blood bank system using **Figma**, addressing current challenges and aligning with software engineering lab goals.

[Project Link](#)

TEACHING EXPERIENCE:

Provided academic support to almost **10 students** from grades 9 to 12 in Math (Algebra, Calculus), Physics, and Chemistry. Created a YouTube channel, **The_Elderwand_i9**, focusing on educational content in Computer Science (CS), GRE, and IELTS preparation.

[Channel](#)

ACHIEVEMENTS

Academic Recognition:

Consistent Academic Excellence (2019-Present): Awarded university scholarships for outstanding academic performance throughout semesters 1-1 to 4-2.

Conference Recognition:

Nominated to represent the university as a host at the prestigious international conference TEHI 2023 (link: <https://myproconf.com/conferences/tehi-2023/>). This recognition highlights my communication and leadership skills

Language Skill:

English (IELTS Overall Score: **7.0**)

REFERENCES

Mohammad Abu Yousuf, PhD

Professor

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Jahangirnagar University, Savar,

Dhaka-1342, Bangladesh.

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Dr. Md. Sazzadur Rahman

Professor

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