

MUHAMMAD ZEBIN

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<https://mzebin.github.io>

SKILLS

- Python, C++, Java
- Scikit-learn, TensorFlow, PyTorch
- NumPy, Pandas, OpenCV
- HTML, CSS, JavaScript
- Linux, Git
- MySQL

EDUCATION

Bachelor of Science in Computer Science

Aug 2024 - Present

University of Sharjah | Sharjah, U.A.E.

- CGPA: 3.97

Secondary & Higher Secondary School

2020 - 2024

India International School | Sharjah, U.A.E.

- Class XII (Stream - Computer Science): 90% (2024)
- Class X: 95.6% (2022)

PROJECTS

AI Health Coach – NLP-Based Health Analytics Assistant

Designed a health analytics assistant capable of interpreting healthcare wearable-derived data and contextualizing them using NLP for classification & LLM for reasoning. *scikit-learn | SQLite | LLMs*

ECG Arrhythmia Classification - 1D CNN Using PyTorch

Classified ECG arrhythmias with 1D CNN using MIT-BIH data. Performed heartbeat extraction, normalization, and class weighting. Achieved 93% test accuracy. *PyTorch | wfdb | scikit-learn*

Z-Bin - Waste Classifier

Led a team in designing & developing a waste classifier prototype that won the Best Project Award in Sharjah for the (School Category). *Python | Tensorflow | OpenCV*

EXPERIENCE

IT Assistant

Aug 2024 - Sep 2024

MEXA Building Materials L.L.C. | Dubai, U.A.E.

Maintained systems and software, provided IT support, and handled data entry tasks to ensure smooth operations and data accuracy. *Windows | MacOS | MS Office | Python*

ADDITIONAL INFORMATION

- Languages:** English, Malayalam, Hindi, Arabic (Basic)
- Certifications:** Python for Data Science
- Awards/Activities:** Received the "Best Project Award (Category - School)" for Waste Classifier Project, India International School