

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 University of Sharjah Sharjah, U.A.E. • CGPA: 3.97	Aug 2024 - Present
Secondary & Higher Secondary School India International School Sharjah, U.A.E. • Class XII (Stream - Computer Science): 90% • Class X: 95.6%	2020 - 2024 (2024) (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. <i>scikit-learn SQLite LLMs</i>	
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. <i>PyTorch wfdb scikit-learn</i>	
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). <i>Python Tensorflow OpenCV</i>	

EXPERIENCE

IT Assistant 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.	Aug 2024 - Sep 2024 <i>Windows MacOS MS Office Python</i>
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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