ABDULLAH AL TAMIM

H#46, R#13, Merul Badda (DIT Project), Badda, Dhaka

in abdullah-al-tamim 🔗 | ⬛ abdullah-al-tamim 🔗

🚫 tamim_abdullah 🔗 | ⬛ tamim_abdullah 🔗

📞 +8801757-751284 | ✉ alltamim.abdullah@gmail.com

Professional Skills

- Programming Languages (Python, GO, C, C++, Java)
- Web Development (Django, ReactJS, NodeJS, HTML5, CSS3, Javascript)
- Database Management (Oracle, MySQL, Firebase, MongoDB, SQLite)
- Others (Git, GitHub, UI/UX, ML, Data Analysis)

Achievements

- Awarded **100% Merit Scholarship** for excellent academic performance
- Solved **over 500 problems** on different coding platforms
- Participated **ICPC Asia Dhaka Regional Site Online Preliminary Contest** (EWU_error_makers)
- Secured **2nd position in "Semester Break Contest"** arranged by EWU Computer Programming Club.
- Certificate for clearing the assessment on **SQL (Intermediate)** on HackerRank. 🔗
- **Gold Labeled Problem Solver** on HackerRank. 🔗

Education

Bachelor of Computer Science and Engineering

East West University

2020.1-2024.1
CGPA: 3.88/4

Work Experience

Undergraduate and Graduate Teaching Assistant

East West University

2022.4-2024.5

- Job Responsibilities:
  - Courses Assisted: Object Oriented Programming, Algorithms, Database Systems, Artificial Intelligence, Software Engineering, Information System Analysis and Design
  - Tutored students individually and in groups to help them grasp difficult concepts and project work.
  - Evaluated assignments and lab tests and gave detailed feedback.
- Technologies Used:
  - C++, Java, Python, Django, Oracle DB, MySQL, SQLite, HTML, CSS (Bootstrap), Javascript

Remarkable Personal and Academic Projects

Project Description	Technologies Used	My Role
Project Title: Online Railway Ticket Reservation System 🔗 **Project Overview:** • **Choosing Seats:** manually select or automatically choose empty seats for the next 10 days • **Payment System:** make payments for the tickets • **Receiving e-Ticket:** instantly download the e-ticket and receive the ticket via email • **User profile:** Every user can see their journey history and upcoming journeys on their profile • **Admin Panel:** Admins can change train schedules, add/remove trains and new stoppages.	**Backend:** Django Rest API, Python, Django **Frontend:** HTML, CSS, Bootstrap, Javascript **Database:** Oracle DB	**MY Role:** Fullstack Developer **Name of Part:** ·Manage the full project as the team lead. ·Worked both on frontend and backend services

Project Description	Technologies Used	My Role
Project Title： Decoding Object Shapes from EEG Signals of the Brain **Project Overview:** The aim of this project is to classify and identify object shapes through touch, using brain signals without relying on visual input. • Signal to Image Conversion: To leverage the capabilities of deep learning models, we converted the brain signals into images. • Stacked Ensembling: We utilized a stacked ensemble of three YOLOv8 models with a Random Forest classifier to enhance the accuracy of object classification. • Accuracy: Our final model achieved a 94% test accuracy on our dataset, significantly outperforming related works. **Total Number of Members: 4**	**Models:** YOLO V8, ResNet50, VGG19, Random Forest **Python Libraries:** Pandas, Numpy, Matplotlib, Seaborn, Tensorflow **Others:** Continuous Wavelet Transformation (CWT), Fast Fourier Transformation (FFT)	**My Role:** Team Leader **My Contribution:** ·Built the Deep Learning models ·Transformed signals into images using CWT and FFT Volunteered during data collection
Project Title： Face Attendance System 🔗 **Project Overview：** This system takes the attendance of registered users automatically by scanning their face • **Takes Attendance:** It scans and identifies the user's face from registered users. If the attendance has already been taken for the day, it shows "already taken." • **MediaPipe:** It utilizes the Google MediaPipe library to recognize the faces of the users.	**Programming Language:** Python **Database:** Firebase	**My Role:** Developer. (Personal Project)
Project Title： LisTog 🔗 **Project Overview :** This project provides an environment for listening to music together in a virtual room. • **Create or Join Room:** Users can create or join a room and listen to music together • **Control Music:** Control playback (pause, play) if they are given permission • **Vote to skip:** Users can give Votes to skip a song **Next goal:** Incorporate the video streaming co-watching feature. **Progress:** 70%	**Backend:** Django Rest API, Python, Django, Spotify Web API **Frontend:** HTML, CSS, React JS **Database:** SQLite	**My Role:** Fullstack Developer. (Personal Project)

Professional Interests

- Mastering the latest AI advancements.
- Designing innovative mobile and web apps.
- Enhancing productivity with Agile methods.
- Developing ML-integrated applications.