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Nationality: Bangladesh

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EDUCATIONS

- **Dalian University of Technology (DLUT)** Dalian, China
Master's in software engineering; GPA: 3.32/4 09/2022-11/2025
- **Chongqing University of Technology (CQUT)** Chongqing, China
Bachelor's in computer science and technology; CGPA: 3.72/5 09/2017-06/2021

SKILLS

- **Programming Languages:** Java, Python, MATLAB, SQL
- **Back End:** Machine Learning, AWS, JSP, Servlet, Microservice, Docker, OpenCV, Computer Vision, TensorFlow, Keras, PyTorch, Pandas, Scikit-learn, Linux, Flask, MySQL, GPU, CI/CD, Git
- **Front End:** Node.js, HTML5, CSS, PHP
- **Soft Skills:** Googling, Problem solving, Critical thinking, Documentation, Reliable, and Consistent

EXPERIENCE

- **Research Assistant (Full Time)** Dalian, China
Dalian University of Technology 09/2022-11/2025
 - Investigated how EEG brainwave patterns reflect individual music preferences by analyzing neural responses during music listening.
 - Developed machine Learning models to predict user music ratings from 14-channel EEG signals with high accuracy and developed a robust EEG data-augmentation pipeline to enhance model Performance and improve prediction accuracy on limited neural data.
- **Software Engineer (Part-Time)** Italy, Rome
University Project 09/2024-3/2025
 - Developed an Android app using Java that integrates secure cloud-synced notetaking with real-time fitness tracking using AWS services (DynamoDB, Cognito, S3).
 - Implemented step counting, interactive progress graphs, image-enhanced notes, and seamless cross-device synchronization with a clean Material Design interface.
- **Software Engineer (Part-Time)** 09/2018-04/2025
University & personal project
 - Designed, developed and contribution 5+ scalable and highly available web applications
 - Collaborated with engineers and cross-functional teams to debug issues, solve complex problems, and develop features following a user-centered design (UCD) approach.

CERTIFICATION & AWARDS

- TA Certificate, Extracurricular
- DUT University Full-funded Scholarship

LANGUAGE

- Languages: Bangla (native), English (C2), Chinese (HSK 3), Italian (basic)

PUBLICATIONS

- Hossain M. A., Xu Y., Aye T. T. (即将发表). Journal of Neuroscience Research, Wiley.
- Islam M., Hossain A., et al. (2020). IEEE Conference Paper. DOI:10.1109/ICISCT50599.2020.9351400
- Islam M., Kumar A., Hossain A. (2019). IJSSN, SciencePG. DOI:10.11648/j.ijssn.20190701.12