S M Jishanul Islam
https://s-m-j-i.github.io/Personal-CV/

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EDUCATION

United International University — Dhaka, Bangladesh
Bachelor of Science in Computer Science and Engineering; GPA: 3.77 — *Feb. 2020 – Jun. 2024*

EXPERIENCE

United International University — Dhaka, Bangladesh
Lecturer (Contractual) — *Jun. 2024 - Present*

- **Contractual Faculty**: Joined as a contractual Lecturer in the Department of Computer Science and Engineering at United International University.
- **Courses taken**: Database Management Systems Theory, Object-Oriented Programming Laboratory, Data Structures and Algorithms 1 Laboratory.

United International University — Dhaka, Bangladesh
Undergraduate Assistant — *Sep. 2023 - Jun. 2024*

- **Object-Oriented Programming for Data Science Lab**: Managed to facilitate course content and materials with the lab faculty, checked and evaluated assessments, and judged lab projects.
- **Programming for Data Science Lab**: Managed to facilitate course content and materials with the lab faculty, checked and evaluated assessments, and created the first problem sets for the new undergraduate program in UIU.

ACHIEVEMENTS

- **Gold Medalist**: of the International Blockchain Olympiad 2023 held in Amsterdam, the Netherlands.
- **Global Representative**: for the Hult Prize Boston Summit 2024.
- **Silver Medalist**: of the Bangladesh Blockchain Olympiad 2023.
- **Champion**: of the Bhashamul national NLP datathon challenge.
- **Champion**: of the Hult Prize On-Campus Round at United International University.
- **3x Champion**: of the United International University CSE Project Showcase in the categories: Advanced Object-Oriented Programming Lab, DBMS Lab, Software Engineering Lab.
- **1st Runners-Up**: of the UIU Intra-University Deep Learning Sprint.

PROJECTS

- **NurtureAid (GitHub Repo)**: An cross-platform mobile application that provides remote caregiving to the dependent population.
  Tech Stack: React.js, Node.js, MongoDB, Firebase.
- **Quest Aid (GitHub Repo)**: An AI-driven web application to connect students, clubs, universities, and organizations under the same platform to grow the ECA landscape of Bangladesh.
  Tech Stack: React.js, Spring Boot, Flask, MySQL, Langchain.
- **BhaShammo (GitHub Repo — Research Codebase)**: A family of fine-tuned models tackling the never-before-solved problem of transcribing regional Bengali text into international phonetic alphabets (IPAs).
  Tech Stack: Python, PyTorch, Hugging Face.
- **Multimodal-SER (GitHub Repo - Research Codebase)**: A network that accepts both audio and video data in parallel to predict human emotions.
  Tech Stack: Python, PyTorch.

PROGRAMMING SKILLS

- **Languages**: C/C++, Java, SQL, Python, Javascript, Dart, PHP
- **Technologies**: React/React Native, Flutter, Node.js, Spring Boot, MongoDB, Flask, Firebase
- **Machine/Deep Learning**: PyTorch, Tensorflow, Scikit-Learn, HuggingFace, Numpy, Pandas, NLTK