

Ashraful Islam Paran

+880-1521561806 | ashrafulparan@gmail.com | Dhaka, Bangladesh

ashraful-islam-paran | Ashraful Islam Paran | Ashraful Islam Paran | ashrafulparan2

EXPERIENCE

• Brain Station 23

Trainee

Dec 2024 - Jan 2025

Dhaka, Bangladesh

- Developed [Bookify](#) - an online bookstore using the MERN stack.
- Implemented secure user authentication using Firebase, a dynamic book catalog, and an admin dashboard for managing listings.
- Designed and built RESTful APIs to manage books, user profiles, user reviews, and transactions.

EDUCATION

• Chittagong University of Engineering and Technology (CUET)

B.Sc. in Computer Science and Engineering

Feb 2020 - Present

Chittagong, Bangladesh

- CGPA: 3.94/4.00 (Till 7th Semester)
- Class Position: 3/132

PROGRAMMING / TECHNICAL SKILLS

- Proficient:** C, C++, Python, HTML, CSS, Flutter
- Moderate:** Java, JavaScript, SQL, MongoDB, React, Node.js
- Frameworks:** Keras, TensorFlow, Pytorch, Langchain
- Devops:** Docker, Vagrant
- Tools:** Jupyter, Git, LaTeX, VS Code

PUBLICATIONS

C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

- [C.5] Paran, A. I., Hossain, M. S., Shohan, S. H., Hossain, J., Ahsan, S., & Hoque, M. M. (2024). [SemanticCuetSync at CheckThat! 2024: Finding subjectivity in news article using Llama](#). In *Working Notes of the Conference and Labs of the Evaluation Forum (CLEF 2024)*, pages 387-395, Grenoble, France.
- [C.4] Shohan, S. H., Hossain, M. S., Paran, A. I., Hossain, J., Ahsan, S., & Hoque, M. M. (2024). [SemanticCuetSync at CheckThat! 2024: Pre-trained Transformer-based Approach to Detect Check-Worthy Tweets](#). In *Working Notes of the Conference and Labs of the Evaluation Forum (CLEF 2024)*, pages 387-395, Grenoble, France.
- [C.3] Symom Shohan, Md. Hossain, Ashraful Paran, Shawly Ahsan, Jawad Hossain, and Mohammed Moshiul Hoque. 2024. [SemanticCuetSync at ArAIEval Shared Task: Detecting Propagandistic Spans with Persuasion Techniques Identification using Pre-trained Transformers](#). In *Proceedings of The Second Arabic Natural Language Processing Conference*, pages 518-523, Bangkok, Thailand. Association for Computational Linguistics.
- [C.2] Ashraful Paran, Symom Shohan, Md. Hossain, Jawad Hossain, Shawly Ahsan, and Mohammed Moshiul Hoque. 2024. [SemanticCuetSync at AraFinNLP2024: Classification of Cross-Dialect Intent in the Banking Domain using Transformers](#). In *Proceedings of The Second Arabic Natural Language Processing Conference*, pages 422-427, Bangkok, Thailand. Association for Computational Linguistics.
- [C.1] Md. Sajjad Hossain, Ashraful Islam Paran, Symom Hossain Shohan, Jawad Hossain, and Mohammed Moshiul Hoque. 2024. [SemanticCUETSync at SemEval-2024 Task 1: Finetuning Sentence Transformer to Find Semantic Textual Relatedness](#). In *Proceedings of the 18th International Workshop on Semantic Evaluation (SemEval-2024)*, pages 1222-1228, Mexico City, Mexico. Association for Computational Linguistics.
- [S.1] Ashraful Islam Paran, Md. Sajjad Hossain, Symom Hossain Shohan, Jawad Hossain, Shawly Ahsan, and Mohammed Moshiul Hoque. 2024. [Leveraging Large Language Models to Estimate the Check-Worthiness of Multilingual Tweets](#). In *27th International Conference on Computer and Information Technology (ICCIT) 20-22 December 2024, Cox's Bazar, Bangladesh*

PROJECTS

- **Chat with PDF** Jan 2025 – Mar 2025
 - Developed a Retrieval-Augmented Generation (RAG) system to enable interactive Q&A with PDF documents.
 - Integrated Streamlit to create a user-friendly web interface for uploading PDFs and querying content.
 - Optimized retrieval and generation processes to improve response accuracy and speed.
- **Caption Generator** Oct 2023 – Dec 2023
 - Utilized the vit-gpt2-image-captioning model to generate captions for images.
 - Designed a streamlined pipeline for processing images and generating captions efficiently.
 - Implemented and tested various pre-processing and post-processing techniques to enhance caption quality.
- **Movie Recommender** Oct 2023 – Dec 2023
 - Developed a movie recommender web app using Streamlit to provide personalized movie recommendations.
 - Implemented collaborative filtering and content-based filtering algorithms to suggest movies based on user preferences and movie characteristics.
 - Integrated interactive features such as user input forms and dynamic recommendation updates to enhance user experience.
- **Deen - An Islamic app** Oct 2023 – Dec 2023
 - Developed "DEEN - An Islamic App" using Flutter, providing a comprehensive package of Islamic features.
 - Implemented a mosque finder feature using Google Maps API to help users locate nearby mosques.
 - Included features such as prayer times, Quran recitation, Qibla direction, and Islamic calendar to serve the diverse needs of the Muslim community.

HONORS AND AWARDS

- **INTERNATIONAL**
 - 2025 **3rd Place**, Multimodal Hate Speech Detection: DravidianLangTech@NAACL 2025 New Mexico
 - 2024-25 **Top 15 Finalist x2**, Honda YES Award Japan
 - 2024 **4th Place**, CLEF 2024 - CheckThat! Lab Task 2 Grenoble, France
 - 2024 **5th Place**, CLEF 2024 - CheckThat! Lab Task 1 Grenoble, France
 - 2024 **5th Place**, AraFinNLP SharedTask 2024 (Subtask 1 - Multi-dialect Intent Detection) Bangkok, Thailand
 - 2024 **6th Place**, ArAIEval: Propagandistic Techniques Detection Bangkok, Thailand
 - 2024 **11th Place**, SemEval-2024 Task 1 Mexico City, Mexico
 - 2019 **Gold Honour**, International Youth Math Challenge (IYMC)
 - 2018 **Finalist**, International Youth Math Challenge (IYMC)
- **DOMESTIC**
 - 2024 **5th Place**, IUT ICT Fest 2024 Datathon: ASR for Regional Dialects Dhaka, Bangladesh
 - 2022 **19th Place**, Code Samurai Hackathon 2022 Dhaka, Bangladesh
 - 2023 **99th Place**, ICPC Asia Dhaka Regional Onsite Contest Dhaka, Bangladesh
 - 2020-23 **Honorable Mention x3**, ICPC Asia Dhaka Regional Preliminary Contest Dhaka, Bangladesh
 - 2020-24 **Technical Scholarship x7**, Academic excellence Chittagong, Bangladesh

EXTRA-CURRICULAR ACTIVITIES

- **Assistant IT Secretary, CUET Computer Club** 2020 - Present
 - Gained expertise in competitive programming Chittagong, Bangladesh
 - Participated in many onsite programming contests
 - Organized several programming competitions
- **Assistant General Secretary, Josephite Math Club** 2017 - 2019
 - Held several workshops on mathematics. Dhaka, Bangladesh
 - Organized Josephite Math Festival 2018 and BDMO (Bangladesh Math Olympiad) preliminary round.

CERTIFICATIONS

- **Cryptography I** Feb 2025
Stanford University
- **Deep Learning Specialization** Apr 2024
DeepLearning.AI
- **Machine Learning Specialization** Nov 2023
DeepLearning.AI