

MD. SAJID ALAM CHOWDHURY

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[in md-sajid-alam-chowdhury](#) | [Sajid064](#) | [Md-Sajid-Alam-Chowdhury](#) | [Md. Sajid Alam Chowdhury](#)

EDUCATION

- **Chittagong University of Engineering and Technology (CUET)** Feb 2020 – Jul 2025
B.Sc. in Computer Science and Engineering Chittagong, Bangladesh
 - **CGPA: 3.92 / 4.00, Merit Position: 4th out of 127 students (Top 3%)**

EXPERIENCE

- **Software Engineer, Samsung R&D Institute Bangladesh (SRBD)** Aug 2025 – Present
Dhaka, Bangladesh
 - **Development**
 - Contributed to Mantix, a Semantic Knowledge Graph Modeling Tool, in collaboration with Oxford Semantic Technologies (UK), which enables ontology creation, data mapping, and advanced reasoning with RDFox.
 - Developed a real-time, persistent graph canvas for Mantix with drag-and-drop support for intuitive ontology modeling.
 - Developed an intuitive rule-authoring interface to support advanced reasoning workflows.
 - **Research**
 - Designed simplified reasoning features and introduced a new query builder named KCP Explorer for Samsungs Enterprise Knowledge Cognitive Platform (E-KCP) project.
 - Ongoing research for a patent on a real-time adaptive vision correction system for VR/AR headsets that dynamically optimizes optics and rendering for personalized visual clarity.
- **Research Assistant, CUET ML Research Group** Jan 2023 – Jul 2025
 - Conducted research on tasks such as semantic textual relatedness between sentences, multi-dialect Arabic banking intention detection, checkworthiness analysis of tweets, multimodal misogynistic meme classification, and multi-label offensive language classification.
 - Collaborated with faculty and lab members to design, implement, and evaluate ML and DL models; contributed to multiple conference submissions.

PUBLICATIONS AND RESEARCH

C=CONFERENCE, J=JOURNAL, P=PATENT, T=THESIS

- [J.1] (Under Review) **Md. Sajid Alam Chowdhury**, Md. Khairul Islam, and Kaushik Deb (2025). **A Unified Adversarial Defense Framework: Diffusion-Driven Purification with Adaptive Timestep Selection and Detection via Reconstruction Consistency Features**. Submitted to *IET Image Processing*.
- [C.1] (Under Review) **Md. Sajid Alam Chowdhury**, Md. Khairul Islam, and Kaushik Deb (2025). **Towards Developing a DDPM-Based Adversarial Purification Method with Noise-Guided Timestep Selection**. In *IEEE 2nd International Conference on Quantum Photonics, Artificial Intelligence & Networking (QPAIN)*.
- [C.2] **Md. Sajid Alam Chowdhury**, Mostak Chowdhury, et al. (2025). **Fired_from_NLP@DravidianLangTech 2025: A Multimodal Approach for Detecting Misogynistic Content in Tamil and Malayalam Memes**. In *The Fifth Workshop on Speech and Language Technologies for Dravidian Languages*, pages 459-464, Albuquerque, New Mexico.
- [C.3] Anik Shanto, **Md. Sajid Alam Chowdhury**, Mostak Chowdhury, et al. (2024). **Fired_from_NLP at SemEval-2024 Task 1: Towards Developing Semantic Textual Relatedness Predictor - A Transformer-based Approach**. In *Proceedings of the 18th International Workshop on Semantic Evaluation (SemEval-2024)*, pages 859-864, Mexico City, Mexico. Association for Computational Linguistics.
- [C.4] **Md. Sajid Alam Chowdhury**, Mostak Chowdhury, Anik Shanto, et al. (2024). **Fired_from_NLP at AraFinNLP 2024: Dual-Phase-BERT - A Fine-Tuned Transformer-Based Model for Multi-Dialect Intent Detection in The Financial Domain for The Arabic Language**. In *Proceedings of The Second Arabic Natural Language Processing Conference*, pages 410-414, Bangkok, Thailand. Association for Computational Linguistics.
- [C.5] **Md. Sajid Alam Chowdhury**, Mostak Chowdhury, Anik Shanto, et al. (2024). **Fired_from_NLP at CheckThat! 2024: Estimating the Check-Worthiness of Tweets Using a Fine-tuned Transformer-based Approach**. In *Working Notes of the Conference and Labs of the Evaluation Forum (CLEF 2024)*, pages 387-395, Grenoble, France.

PROGRAMMING / TECHNICAL SKILLS

- **Proficient:** C, C++, Java, Python, HTML, CSS, SQL
- **Moderate:** JavaScript, Spring Boot, React, Node.js, Next.js, Zustand, SPARQL, Flutter
- **Frameworks:** TensorFlow, PyTorch, Keras, scikit-learn, OpenCV
- **Tools:** Jupyter, Git, LaTeX, VS Code, RDXox

COMPETITIVE PROGRAMMING

Solved more than 2000 problems in various online judges.

- **Codeforces:** Handle: [Sajid064](#), Max Rating: **1607 (Expert)**, Solve Count: **1000+**
- **CodeChef:** Handle: [sajid_064](#), Max Rating: **2039 (5-Star)**, Solve Count: **100+**
- **AtCoder:** Handle: [Sajid064](#), Max Rating: **926 (6-Kyu)**, Solve Count: **300+**
- **LightOJ:** Handle: [sajid064](#), Solve Count: **50+**

HONORS AND ACHIEVEMENTS

• INTERNATIONAL

- 2024 **7th Position**, CLEF 2024 - CheckThat! Lab Task 1: Check-Worthiness Estimation *Grenoble, France*
- 2024 **7th Position**, AraFinNLP 2024 - Subtask 1: Multi-dialect Intent Detection *Bangkok, Thailand*
- 2024 **25th Position**, SemEval 2024 - Subtask 1: Semantic Textual Relatedness *Mexico City, Mexico*
- 2023 **3rd Position**, CodeChef Starters 26 Division 4 *India*
- 2023 **13th Position**, CodeChef Starters 33 Division 3 *India*
- 2023 **28th Position**, CodeChef Starters 88 Division 2 *India*

• DOMESTIC

- 2025 Achieved **Samsung's SW Certification Test (Professional Level)** on the first attempt *Dhaka, Bangladesh*
- 2025 Achieved **Samsung's AI/ML Skill Certification** on the first attempt *Dhaka, Bangladesh*
- 2025 Honored with the **Dean's Award**, Faculty of ECE, CUET *Dhaka, Bangladesh*
- 2020-25 **Technical Scholarship (x8)**, For Academic Excellence in the CSE department of CUET *Dhaka, Bangladesh*
- 2020-24 **Honorable Mention (x5)**, ICPC Asia Dhaka Regional Site Preliminary Contest *Dhaka, Bangladesh*
- 2022 **99th Position**, ICPC Asia Dhaka Regional Onsite Contest *Dhaka, Bangladesh*
- 2022 **4th Position**, ASRRO ROBOCODER Programming Contest (Round 1) *Chittagong, Bangladesh*
- 2022 **4th Position**, CUET Intra Junior Contest (Round 3) *Chittagong, Bangladesh*
- 2021 **9th Position (2nd Runner-up in Batch)**, CUET Intra Junior Contest (Round 2) *Chittagong, Bangladesh*
- 2020 **5th Position (Champion in Batch)**, CUET Intra Junior Contest (Round 1) *Chittagong, Bangladesh*
- 2017 **Talent Pool Scholarship (81st Position)**, Secondary School Certificate Examination *Dhaka, Bangladesh*

EXTRA-CURRICULAR ACTIVITIES

- **Executive Member, CUET Computer Club** *2020 – 2025*
 - Gained expertise in competitive programming and participated in multiple onsite contests *Chittagong, Bangladesh*
 - Organized and managed several university-level programming competitions
- **Prefect, Adamjee Cantonment College** *2017 – 2019*
 - Served as a bridge between the student body and the college administration *Dhaka, Bangladesh*
 - Organized and coordinated events, including assemblies and ceremonies

REFERENCES

1. **Dr. Kaushik Deb**
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2. **Hasan Murad**
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