

Abdus Samee

Dhaka, Bangladesh

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Abdus Samee

Personal Profile

An undergraduate student (senior) in the Department of Computer Science & Engineering at Bangladesh University of Engineering & Technology. I am interested in web development. My research interest lies in Federated Learning, Software Engineering, and Human-Computer Interaction(HCI). I am recognized for possessing a strong passion for learning and being able to do hard work.

Education

Bangladesh University of Engineering and Technology

Dhaka, Bangladesh

BSc in Computer Science and Engineering

April 2019 - Current

- Average CGPA of 3.8 (up to 7th semester)
- **Selected Courses:** Structural and Object Oriented Programming, Data Structure and Algorithms, Database, Theory of Computation, Operating Systems, Computer Networks, Computer Security, Computer Architecture, Information System Design, Software Engineering, Basic Graph Theory, Algorithm Engineering

Work Experience

S2E Lab

Indiana, USA

Visiting Undergraduate Research Assistant

Oct 2022 - Feb 2023

- Assist in research activities of the lab
- Visit the website

HackMerced

California, USA

Engineering Team Member

Apr 2021 - Jan 2023

- Implement new features for the HackMerced website
- Update existing parts of the website
- Organizing the hackathon
- **Technical Skills:** ReactJS, CSS, Git

Projects

CodeLytic-Frontend

Dhaka, Bangladesh

Repository

July 2023 - Sep 2023

- This project was developed as part of our Software Engineering course following the necessary protocols for developing software.
- Platform offering CS courses.
- Users can enroll in free and premium courses to enhance their knowledge.
- Users can track their progress in each course and participate in quizzes.
- Content creators submit courses to the platform.
- **Technical Skills:** ReactJS, HTML, CSS, Git

Crunchyroll

Dhaka, Bangladesh

Repository

Feb 2022 - Apr 2022

- Streaming site for animes and mangas.
- Viewers can enjoy both free and premium content.
- They can also engage in discussions.
- **Technical Skills:** ReactJS, SQL, NodeJS.

Codeforces Flutter App

Chattogram, Bangladesh

Repository

Oct 2020 - Dec 2020

- Users with a valid Codeforces handle can look at various statistics of their performance
- It shows what kind of problems they have solved
- Also the verdicts of those problems and the overall rating change
- It was built with the help of Codeforces API
- **Technical Skills:** Flutter, Dart, API

DX Ball

Repository

- My first project of varsity using iGraphics.
- Just a spinoff of the original DX-Ball game with some levels and scoresheet enabled.
- **Technical Skills:** C++, iGraphics.

Dhaka, Bangladesh

Aug 2019 - Sep 2019

Publications

WORKSHOP PAPER

Zero-shot Prompting for Code Complexity Prediction Using GitHub Copilot

M. Siddiq, A. Samee, S. R. Azgor, S. I. Sawraz, J. C. S. Santos

2023 IEEE/ACM 2nd International Workshop on Natural Language-Based Software Engineering (NLBSE), 2023, URL: <https://ieeexplore.ieee.org/document/10189162>

OTHERS

Faria Huq*, Abdus Samee*, David Chuan-en Lin, Xiaodi Alice Tang, Jeffrey P. Bigham. “NoTeeline: Supporting Real-Time Notetaking from Keypoints with Large Language Models”. Ongoing.

Achievements

2019 **Dean's List**, BUET

2021 **Dean's List**, BUET