

Abdus Samee

Chittagong, Bangladesh

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Personal Profile

Currently a CSE undergraduate student at Bangladesh University of Engineering & Technology, I am keen to learn things regarding technology. I am interested in web development, particularly the backend. I also casually make projects related to Flutter and enhance my knowledge of machine learning. Love to learn about various aspects of computer science and related fields. 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 3.86
- **Courses:** Structural and Object Oriented Programming, Data Structure and Algorithms, Database, Theory of Computation, Compiler, Microprocessor and Microcontroller, Operating Systems, Computer Networks, Computer Architecture, Information System Design, Discrete and Concrete Mathematics, etc

Chittagong Cantonment Public College

Chittagong, Bangladesh

High School

Jan 2016 - Oct 2018

- Passed with Distinction
- Specialised in Physics, Chemistry, Maths, English, and Biology

Voluntary Work Experience

S2E Lab

Indiana, USA

Visiting Undergraduate Research Assistant

Oct 2022 - Current

- Assist in research activities of the lab
- Analysis of software programs
- Extract datasets
- Run models to generate outputs
- Visit the website
- **Technical Skills:** Machine Learning, Python, Git
- **Soft Skills:** Teamwork, Time Management, Communication

BUET Career Club

Dhaka, Bangladesh

Assistant General Secretary, Web Development

Feb 2021 - Current

- Add new features as per requirement
- Maintaining the club's website for storing members' information and smooth registration purposes
- **Technical Skills:** Laravel, MySQL, ReactJS, WordPress, CSS, Git, Hosting
- **Soft Skills:** Teamwork, Time Management, Communication.

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
- **Soft Skills:** Teamwork, Time Management, Communication.

Projects

AlgoLytic

Dhaka, Bangladesh

Bangladesh University of Engineering and Technology

Nov 2022 - Mar 2023

- This project was developed as part of our System Design course following the necessary protocols for developing software.
- Technical interview preparation site for software engineers.
- There are also courses offered for enhancing basic knowledge.
- Provision for submitting codes and getting verdicts
- Get recommendations for problems based on past results and see progress.
- **Technical Skills:** ReactJS, Express, Git, System Design

Crunchyroll

Bangladesh University of Engineering and Technology

- 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.

Dhaka, Bangladesh

Feb 2022 - Apr 2022

Car Warehouse

Bangladesh University of Engineering and Technology

- General users can buy and sell cars.
- Admin can add or delete cars.
- All the activities are done by socket programming
- **Technical Skills:** JavaFX, Socket

Dhaka, Bangladesh

Aug 2020 - Dec 2020

ScreenShare

Personal

- Screen sharing application done on localhost with single server and client
- Client shares its screen with the server
- The server can control the screen of the client from its window
- OpenCV is included later on to support video sharing
- **Technical Skills:** Java, JavaFX, Socket Programming, OpenCV

Dhaka, Bangladesh

Jun 2020 - Aug 2020

Pronounce

Personal

- A chrome extension
- Uses a dictionary API to give relevant information about a word
- The information includes pronunciation, audio, phonetics, etc
- **Technical Skills:** Javascript, Bootstrap, API

Dhaka, Bangladesh

Jun 2020 - Jul 2020

DX Ball

Bangladesh University of Engineering and Technology

- 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://s2e-lab.github.io/preprints/nlbse23-preprint.pdf>

Skills

Programming Java, Python, Laravel, C, C++, ReactJS, NodeJS, HTML/CSS, JavaScript, SQL.

Miscellaneous Shell (Bash), \LaTeX (Overleaf), Microsoft Office.

Soft Skills Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Interests

Cycling I love cycling. I love to ride bicycles and visit places.

Bash Scripts Although a newbie, I have grown interested in bash scripts recently.

Art I have always enjoyed drawing since I was a child, although it has been a long time since I seriously drew something.

Video Games I like to play video games, even if I am not so good at them.

Languages

English Professional proficiency

Bangla Native proficiency