

Abir Ashab Niloy

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EDUCATION

2022 - Present

UNIVERSITY OF DHAKA

Institute of Information Technology(IIT)

BSc. in Software Engineering(BSSE) | CGPA-3.54/4 (upto 4th semester)

2018 - 2020

BIRSHRESHTHA NOOR MOHAMMAD PUBLIC COLLEGE, PEELKHANA, DHAKA

Higher Secondary Certificate(HSC) | GPA- 5.00/5.00

2013 - 2018

BANCHARAMPUR SM PILOT HIGH SCHOOL, BANCHARAMPUR, BRAHMANBARIA

Secondary School Certificate(SSC) | GPA-5.00 /5.00

EXPERIENCE

01 January 2024 - 01 march 2024

Software Engineer Trainee, XPEEDLAB

- Made a todo list application using react and node
- Made a blog application using next and express
- Made a portfolio, search on google by 'abir-ashab.github.io'
- Working on a project named validation master

FIELDS OF INTEREST

Competitive Programming, Machine Learning and Data Science, Web Development, History

COURSES TAKEN

Discrete Mathematics, Data Structure and Algorithm, Object Oriented Concepts, Database Management System, Theory of Computing, Computer Networking, Software Requirements Specification and Analysis, Web Technology, Design Patterns, Operating System and System Programming, Information Security, Numerical Analysis, Probability and Statistics, Calculus and Analytic Geometry, Ordinary Differential Equations, Sociology.

PROJECTS AND COCURRICULAR ACTIVITIES

1. Machine Learning Algorithms From Scratch

- Implemented KNN, Kmeans, Decision Tree, Random Forest and Logistic Regression
- Used C++ and graphics visualization

2. Internship Management System

- Collected data from top BD software companies
- Using Fullstack Web Development
- Planning to make a platform for internship

3. Competitive Programming

- Specialist at codeforces (max-ratings : 1440+)
- 3* at codechef (max-ratings : 1700+)

EXTRACURRICULAR ACTIVITIES

1. Photography

- I have my own camera and am actively participating in an intra-dhaka university photography contest.

2. Games

- Play indoor games(table tennis,badminton, carrom)
- Play outdoor games (cricket, football)

SKILLS

- **Front End** : React, Next, HTML, CSS, JavaScript, Tailwind
- **Back End** : Node, Express
- **Language** : C, C++, Java, Python, Javascript
- **Database** : Sqlite, MongoDB, Postgresql