

🎓 EDUCATION

BRAC University

Bachelor of Science in Computer Science & Engineering (CSE)

- CGPA : 3.56 / 4.00, Computer Science GPA: 3.76 / 4.00

2017-Present

Expected Graduation : May, 2021

🏢 WORK HISTORY

FeedTech Automation

AutoCAD Designer . Part Time

- Designed machines and workflow in AutoCAD, Prepared Documentation, Communication with Clients.

2020-Present

⚙️ TECHNICAL SKILLS

Languages / Frameworks: Java, Python, HTML5, CSS3, Bootstrap, JavaScript, ES6, JSX, jQuery, React JS, MySQL, Firebase, PHP.

Developer Tools: Visual Studio Code, IntelliJ idea, Eclipse, Netbeans, Pycharm.

Operating Systems: Microsoft Windows, Linux.

🧠 RESEARCH EXPERIENCE

Affective state recognition through analysis of EEG signals by using Extreme gradient boosting | Github [Link](#) 2020-2021

Undergraduate Thesis | BRAC University | (Completed)

Responsibilities:

- Analyzed EEG Signals and performed Pre-processing, Feature engineering to determine the dimensions of emotions.
- Applied Machine Learning, Neural Network algorithms such as SVM, XG Boost, Sequential model using Python.
- Used Overleaf LaTeX editor for preparing the overall report as well as the organized IEEE version of the report.

💻 PROJECT EXPERIENCE

Order Management System | React JS Project | Github [Link](#) 2021

Technologies used : JavaScript, React framework, CSS3, Bootstrap, Firebase

- Designed an admin panel for managing new orders, pending orders and completed orders.
- Used firebase realtime database for data storage and deployed build version to Github.

Online Tutor App | Android Project | Github [Link](#) 2020

Technologies used : Android Studio, Java, Firebase

- Built registration function for students and tutors with a friendly UI in the application.
- Developed tuition search and post functionality for the existing registered users.

Student Aid System | Software Engineering Project | SRS Report [Link](#) 2019

Worked On :

- Student friendly system to get notes and thesis suggestions.
- Prepared SRS Report, containing multiple Viewpoints, elicitation, Use case, class based modeling, functional and non functional requirements, risk analysis.

Calculator | JavaScript project | [Link](#) 2020

Technologies used : HTML5, CSS3, JavaScript, jQuery.

- Basic Calculator with functionalities such as addition, subtraction, multiplication, division.

Travel Management System | Database Systems project | Github [Link](#) 2019

Technologies used : HTML5, CSS3, PHP, MYSQL, XAAMP

- Created User friendly ticket booking system for any destination.
- Developed admin friendly interface to manage bookings.

📜 CERTIFICATIONS

EDX

- Python For Data Science
| IBM
- Programming For the Web with JavaScript
| University of Pennsylvania | PENNX

Coursera

- Python Data Structures | University of Michigan
- Introduction to HTML5 | University of Michigan
- Introduction to CSS3 | University of Michigan
- Interactivity with JavaScript | University of Michigan