

Md. Sakib Khan

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• mdsakibkhan.github.io/Portfolio/ • [in md-sakib-khan](#) • [MdSakibKhan](#)

Education

BRAC University

January 2017 – May 2021

Bachelor of Science in Computer Science & Engineering (CSE)

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

Related Coursework:

- Object Oriented Programming
- Database Systems
- Artificial Intelligence
- Data Structures
- Software Engineering
- Operating System
- Algorithm
- Android Development
- Thesis Project

Uttara High School And College

June 2014 – August 2016

Higher Secondary Certificate (HSC) . Science

GPA : 5.00/5.00

Technical Skills

- Programming Languages**
 - Java
 - Python
- Data Science**
 - Feature Engineering
 - Machine Learning
 - Neural Network
 - Statistics
- Web Development**
 - HTML5
 - CSS3, Bootstrap
 - JavaScript, ES6
 - React JS, jQuery
- Database**
 - MySQL
 - Firebase
- Developer Tools**
 - Visual Studio Code
 - Intellij Idea, Eclipse
 - Android Studio
- Documentation**
 - Microsoft Word
 - PowerPoint
 - Latex

Research Experience

Undergraduate Thesis | BRAC University

January 2020 – January 2021

[GitHub Link](#)

Topic : Affective state recognition through analysis of EEG signals by using Extreme gradient boosting.

- Performed **Signal processing**, **Feature engineering** to extract relevant features.
- Applied **Machine Learning**, **Neural Network** algorithms using **Python**.
- Achieved **95.174%**, **87.456%**, **84.541%** accuracy for arousal, valence and dominance.
- Used Overleaf **Latex** editor for preparing the overall documentation of the research.

Project Experience

Personal Portfolio | React JS, JavaScript, CSS3, Bootstrap.

March 2021

[Live](#)

- Developed single page personal portfolio with about, education, projects, research, skills, work history etc sections.
- Included features such as Video playing from other sources and Downloading CV based on viewers interest.

Order Management System | React JS, JavaScript, CSS3, Bootstrap, Firebase.

February 2021

[Live](#)

- 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.

Tuition Finder App | Android Studio, Java, Firebase.

September 2020

[GitHub Link](#)

- 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.

Calculator | HTML5, CSS3, JavaScript, jQuery.

June 2020

[GitHub Link](#)

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

🔗 Report Link

- Student friendly system to get notes and thesis suggestions.
- Performed complete analysis on multiple viewpoints, elicitation, Use case, class based modeling, functional and non functional requirements, risk analysis.

Travel Management System | HTML5, CSS3, PHP, MySQL, XAAMP Server.

April 2019

🔗 GitHub Link

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

Online Programming

URI Online

2017 – 2019

- Solved **168 Problems** using **Java** Programming Language.

Achievements

Government Primary Scholarship

2009

- Ranked 5th in whole Gazipur district with Talent pole scholarship.

Personality Traits

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|-------------------|-------------------|-----------------|
| ○ Approachability | ○ Problem Solving | ○ Patient |
| ○ Adaptability | ○ Team Work | ○ Self Reliance |
| ○ Self Criticism | ○ Collaboration | ○ Eloquent |
| ○ Communication | ○ Punctual | ○ Enthusiastic |

Work and Research Interest

- | | | |
|------------------------|--------------------|------------------------------|
| ○ Software Engineering | ○ Machine Learning | ○ Internet of Things |
| ○ Data Science | ○ Neural Networks | ○ Brain Computer Interfacing |

Certifications

EDX :

- Python For Data Science
| IBM
- Programming for the internet with
JavaScript | 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

Personal Information

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| ○ Date Of Birth : 22/08/1997 | ○ Nationality : Bangladeshi | ○ Blood Group : B+ |
| ○ Father : Md. Abdul Kadir Khan | ○ National ID : 7358109994 | ○ Marital status : Single |
| ○ Mother : Mrs. Khadiza Akter | ○ Address : Sector 7, Uttara, Dhaka | ○ Religion : Islam |

References

- | | |
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| ○ Md. Golam Rabiul Alam, PhD
Associate Professor, BRAC University
Email : rabiul.alam@bracu.ac.bd | ○ Faisal Bin Ashraf
Lecturer, BRAC University
Email : faisal.ashraf@bracu.ac.bd |
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Declaration

I hereby declare that all the provided information is in accordance with facts or truths to my knowledge. I take full responsibility for the correctness of the said information.