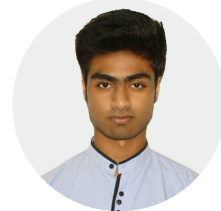# MD. SAKIB KHAN
COMPUTER ENGINEER

☎ (+880)1918779365 ✉ hrk.sakib@gmail.com in md-sakib-khan ⬡ MdSakibKhan ⬤ Portfolio

🎓 EDUCATION

BRAC University   **2017-Present**
Bachelor of Science in Computer Science & Engineering (CSE)   *Expected Graduation : May, 2021*
- **CGPA :** 3.56 / 4.00, **Computer Science GPA:** 3.76 / 4.00

Uttara High School & College   **2014-2016**
HSC . Science
- **GPA :** 5.00 / 5.00

⚙ TECHNICAL SKILLS

Core Programming Languages : *Java, Python.*
Data Science : *Python, Pandas, Numpy, Scipy, Sklearn, keras, Data Manipulation, Data Visualization, Statistics, Machine Learning.*
Databases : *MySQL, Firebase, MongoDB.*
Web Development : *HTML5, CSS3, Bootstrap, JavaScript, ES6, jQuery, React JS, PHP.*
Android Development : *Java, Android Studio.*
Developer Tools: *Visual Studio Code, Intellij idea, Eclipse, Netbeans, Pycharm.*

🧠 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**.
- Achieved Mean Accuracy of **95.174%, 86.456%, 84.541%** respectively for arousal, valence, dominance.
- 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 | PENNX

Coursera
- Python Data Structures | University of Michigan
- Introduction to HTML5 | University of Michigan
- Introduction to CSS3 | University of Michigan

👥 REFERENCES

Md. Golam Rabiul Alam, PhD
Associate Professor
BRAC University
Dhaka, Bangladesh
Phone : 09617445063 Ext. 5063
Email : rabiul.alam@bracu.ac.bd