# MD. SAKIB KHAN

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## 🎓 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

## 🧑‍💻 WORK HISTORY

**FeedTech Automation**                                                                    **2020-Present**
*AutoCAD Designer . Part Time*
- Designed machines and workflow in AutoCAD, Assisted in Documentation and Communication with Clients.

## ⚙️ TECHNICAL SKILLS

**Languages / Frameworks:** *Java, Python, HTML5, CSS3, Bootstrap, JavaScript, ES6, 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
  | 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