




# MD. SAKIB KHAN


COMPUTER ENGINEER

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## EDUCATION

### BRAC University

2017-Present

B.Sc in Computer Science & Engineering (CSE)

Expected Graduation : May, 2021

- CGPA : 3.56 / 4.00, Computer Science average GPA: 3.76 / 4.00
- Relevant Coursework : Object Oriented Programming, Data Structures, Algorithms, Artificial Intelligence, Database Systems, Software Engineering, System Analysis & Design, Android Development, Operating Systems, Computer Architecture, Numerical Methods, Computer Interfacing, Computer Networks, Thesis & Project.

### Uttara High School & College

Class of 2016

HSC . Science

- GPA : 5.00 / 5.00

## WORK HISTORY

### FeedTech Automation

2020-Present

AutoCAD Designer . Part Time

- Designed Machines and workflow in AutoCAD.
- Assisted in making quotations and communicating with clients.

## THESIS EXPERIENCE

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

2020-2021

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, XB Boost, Sequential model using Python.
- Achieved mean accuracy of 95.174%, 87.456%, 84.541% for arousal, valence and dominance respectively.
- 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 | [Link](#)

2021

Technologies used : JavaScript, React framework, 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 | [Link](#)

2020

Technologies used : Android Studio, XML, 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 | [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.

### Affordable product searching System | System Analysis Project | [Link](#)

2019

Technologies Used : JAVA, JAVA FX, MySQL, XAAMP

- Created desktop application for finding quality items with lowest price and distance.
- Completed system analysis such as System request ( Business need, Business Value, Requirements), Use case, Class diagram, Sequential diagram, Activity diagram, ER diagram

### Travel Management System | Database Systems project | [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.



## TECHNICAL SKILLS

<b>Programming Languages :</b>	<i>Java, Python</i>
<b>Data Science :</b>	<i>Python, Matlab</i>
<b>Web Development :</b>	<i>HTML5, CSS3, Bootstrap, JavaScript, jQuery, React JS</i>
<b>Android Development :</b>	<i>Java, Android Studio</i>
<b>Database :</b>	<i>MySQL, Firebase</i>
<b>Programming IDE :</b>	<i>Eclipse, Netbeans, IntelliJ idea, Pycharm, Visual Studio Code</i>
<b>Documentation:</b>	<i>Latex, Overleaf</i>
<b>Microsoft:</b>	<i>Word, Power Point, Excel</i>



## CERTIFICATIONS

### EDX

- Python For Data Science | IBM
- Programming For the Web with Javascript | PENNX

### Coursera

- Programming for Everybody (Getting Started with Python) | University of Michigan
- Python Data Structures | University of Michigan
- Introduction to HTML5 | University of Michigan
- Introduction to CSS3 | University of Michigan
- Interactivity with JavaScript | University of Michigan



## ONLINE PROGRAMMING

### URI Online

- 168 Problems Solved in Java



## PERSONAL INFORMATION

Date of birth : 22/08/1997  
Nationality : Bangladeshi  
Father : Md. Abdul Kadir Khan  
Mother : Mrs. Khadiza akter  
Blood group : B+  
Sex: Male  
Religion : Islam  
Marital status : Single



## REFERENCES

### Md. Golam Rabiul Alam, PhD

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