

MD. HABIBUR RAHMAN

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Research Interest: Machine Learning, Data Science, Data Mining, Cyber Security etc.




Academic Qualifications

- **Jahangirnagar University** **Dhaka, Bangladesh**
BSc.in Computer Science & Engg, **CGPA 3.54/4.0(up to 6th sem)** *March 2016 - March 2021*
- **Dhaka College** **Dhaka, Bangladesh**
Higher Secondary Certificate(12th Grade), **GPA: 5.00/5.00** *July 2012 - July 2014*

Experience

- **Research Experience**
First Author *Feb 2020 - Aug 2020*
 - **Machine Learning** : My Undergrad Thesis titled **A Gaussian Process Kernel** for predicting **Epidemiology of Skin Cancer** is a **Machine Learning** focused research project where we developed a novel kernel combination using **Gaussian Process Regression** to predict the **Skin Cancer Epidemiology** up to the year **2025**.
- **Teaching Experience**
Private Tutor *March 2016 - Present*
 - Taught almost 10-15 students as a private tutor from Grade 4 to upto **University Admission Candidate**. I helped them to learn Maths, Physics, Chemistry, **Information Communication Technology** and English.

Projects

- **Admission Informer App** 
Android Application *June 2019 - Oct 2019*
This is a native android application named **Admission Informer** published to play store. The app is useful for providing authentic university admission test information like **admission circular, exam date, fees, admit card download date, notice** etc. Users can also have **notification** from time to time.
- **Online Book Sharing System** 
Android Application *Feb 2019 - April 2019*
An Android Application that aims to provide different features for the bookworms at free of cost like **borrow books, search books, provide books, review books, having notifications** etc. It is developed using **Agile Methodology**. There were **three sprints** and tools like **GitHub, Trello, Toggl** were used to develop the project.
- **PC Gesture Control Using Arduino** 
Arduino Project *Aug 2019 - Sept 2019*
An Arduino based project that is mainly aimed at reducing the effort of interaction with computers through input devices using simple gestures. **Hand gesture** uses **Arduino Uno, Ultrasonic Sensor and Laptop** to carry out the operation of controlling **Media Playback and Volume**.

- **Kids Education App**

- *Android Application*

April 2018 - May 2018

- It is an educational, kid-friendly e-learning app which helps the children to learn English alphabets, math etc.

Skills

- **Programming** : C, C++, **Java**, Python, HTML, CSS, Bootstrap, **Android App Development** etc.
- **Tools** : **GitHub**(Version Control), **Latex**(Text Processing) **Slack**, Trello, Toggle
- **Problem Solving** : Uva Online Judge , Hackerrank .
- **Blog Writing** : Write contents on IT stuffs such as programming, VCS, Web etc.
- **Leadership** :
 - Working as the **President** of **JU Computer Club** for the last 1 year.
 - I was the **Team Lead** of my undergrad **Software Engineering** Course Project
- **Languages**: English & Bengali.

Achievements

- Received stipend for **Academic Excellence** in 1st & 2nd year of Undergrad.
- Got **scholarship** for decent score at **Jahangirnagar University** Admission Test Exam.
- Won Audience Award in **Quiz Competition** of **IUT Esonance Tech Fest'17**
- Awarded **Talent Pool Scholarship** at Grade 8(**7th position**) & grade 5(**1st position**).
- **Certifications**:
 - **NASSCOM IT-ITES** Sector Certificate for the Training of **Android Application Development** course conducted by **Ernst & Young LLP, India** under **Bangladesh Computer Council**.
 - Intermediate **Python** on **DataCamp**
 - **Data Science** with Python(EMK Center)

Extra-curricular Activities

- **JU Computer Club**:
 - I worked as **Secretary General** to **JU Computer Club** and now working as the **President** of the club.
 - Arranged first **National CS Fest** in our dept where approximately **400** students participated.
 - Was a **Question Setter** and **Moderator** at **Quiz Competition** of **JU CSE FEST'19**
- **EMK Center**: Trained **10** students on Basic **Android App** Development.
- **Fund Raising**: Raised fund for a **Cancer** affected mother of an alumni. We collected fund for **6 days**.
- **Social Media**: I am the founder of my dept's social media group **JU CSE Abroad** where I share knowledge about **IELTS**, **TOEFL**, **GRE** etc to all the higher study aspirants. I also have been actively associated with some **Higher Study Abroad** groups like **Scholarship Abroad for Bangladeshi Students**, **Scholarship School BD** in **Facebook** as their ambassador and group moderator.

Reference

- **Dr. Md. Musfique Anwar**, Associate Professor, **Department of Computer Science and Engineering** of **Jahangirnagar University**, Savar, Dhaka, Bangladesh; Email: **musfique.anwar@gmail.com**