

# Saimum Islam

SOFTWARE ENGINEER

Khulna, Bangladesh

☎ (+880) 1763706245 | ✉ saimumislam27@gmail.com | 🏠 saimumislam.github.io | 📱 Saimumislam | 🌐 saimum-islam-37191a16a

*"If you believe in yourself and have dedication and pride - and never quit, you'll be a winner. The price of victory is high but so are the rewards."*

## Career Objective

To pursue a successful career in Software Development offering excellence in problem-solving, algorithm & data-structure and merge my innovation, motivating ideas & skills for a contribution towards the System Development and further enrichment of my knowledge and experiences.

## Education

### Khulna University

Khulna, Bangladesh

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING

Jan. 2016 - Present

- Currently studying at Computer Science And Engineering Discipline of Khulna University in 4-2 term.  
Expected Date of Graduation: December, 2019.

## Research Interest

Natural language Processing, Machine Learning, Neural Network, Human Computer Interaction, Artificial Intelligence, Smart City.

## Competitive Programming

- **Algorithms:** Number Theory, Backtracking, Dynamic Programming, Greedy, String Processing, Sorting, Searching, Graph theory, Divide-and-Conquer etc.
- **Data Structures:** Stack, Queue, Vector, Set, Map, Binary Search Tree, Segment Tree, Binary Indexed Tree, Heap, Disjoint Set, Lazy propagation, Adjacency matrix, Adjacency list, Policy Based Data Structure etc..
- Solved programming problems in various online judges using C, C++ and Java and Solved 250+ problems in various online judges, mostly in **UVA Online**.
- Participated and obtained different ranks in various onsite and Inter University programming contests like **ACM-ICPC**, **NCPC**, **BUET CSE-Fest**, **Codesamurai**.
- Secured 3rd positions in Programming Contest as team in Khulna University CSE Fest-2017.
- Set problem for CSEKU Intra Discipline Programming Contest.

## Technical Skills

<b>Programming</b>	C, C++, Java, Python, Dart, PHP, JavaScript, Matlab.
<b>Markup</b>	XML, HTML5, CSS.
<b>Framework</b>	Flutter, Android, Svelte, Bootstrap.
<b>RCS</b>	Git, Svn.
<b>Design Pattern</b>	3-tier architecture, Object Oriented Design, MVC, MVVM.
<b>Databases</b>	MySQL, SQLite.
<b>Tools</b>	Code::Blocks, Android Studio, Sublime Text, Dr Java, VS.Code, PyCharm, XAMPP, WAMP.
<b>Operating System</b>	Windows, Ubuntu

## Soft Skills

**Problem Solving, Leadership, Work Ethic, Team Work, Communication, Work Under Pressure, Adaptability, Good Lerner.**

## Projects

### Digital Phonebook

PERSONAL PROJECT

April 2019-Oct 2019

- This is a phonebook where one can find any department, teachers, employee number, mail in the application and User can call and mail them through this. Users can send group messages and create group also. Users can add a sticky note on this and set an event to remind him of a certain date through an alarm.  
Tehenology :Flutter, CSV, Json, Firebase.  
Source :The source code of this project is confidential at this moment.

### University Result and Registration System

TEAM LEADER

May 2018-Nov 2018

- This is the automation of the result and registration process of a university. The students can see their marks and download their progress reports and grade sheet and contact with the teachers. The teachers also see all his permission features and doing the change. The whole process of result and registration are done in it.  
Tehenology :3 tier, Simtire, Bootstrap, php, javascript.  
Source :The source code of this project is confidential at this moment.

### Diabetic Patient Helper

TEAM LEADER

Sep 2017-march 2018

- In this app one can set his time of taking food and medicine and their amount, time for doing exercise and his check update. This app will remind him through notification and alarm on time. There is also some feature of this app is saving daily blood pressure, weights and gives automatic advice about diabetics.  
Tehenology :Android, Sqlite.  
Source :<https://github.com/SaimumIslam/Diabetes-care>

### Notice Board

TEAM LEADER

March 2017-Nov 2017

- An Online Notice board reminds every notice at a different level. It works in a different layer in an environment. The main object to build this project to provide the different level notice on a different level according to their permission.  
Tehenology :native android, Php, MySQL.  
Source :[https://github.com/SaimumIslam/CSEKU\\_SDP\\_2017\\_Notice\\_Board](https://github.com/SaimumIslam/CSEKU_SDP_2017_Notice_Board)

### Event Management System

TEAM MEMBER, DEVELOPER

May 2018-Nov 2018

- The event management system look after all the tasks that are necessary to be performed within a particular Event. The system is developed to reduce the paperwork which are being performed by the various organization to manage an event. However, no system can be successful without human beings and the major task of this system is to eliminate the processing time and produce a result on time.  
Tehenology :HTML, Php, MySQL, CSS.  
Source :<https://github.com/SaimumIslam/EventManagerSystem>

## Leadership Roles

### CLUSTER

Khulna University

PRESIDENT & FORMER PUBLICATION SECRETARY

Jan 2019-present

CLUSTER (Club For Updated Search on Computer) is a club that interacts with students with new IT knowledge Which helps students to share knowledge and create a new platform for the students. It arranges Contest, provides necessary things to the contestants, sponsors students for their project and thesis.

### Department Tour

Cox's bazar & Saintmartin

CONVENOR

Feb 11-17 2019

This was a great experience arranging such a nice program like a tour. We are 82 members from four batches of our Discipline including teachers and staff. We spend 6 days in Cox's bazar and Saint-martin.

### RAG -2019 & Pohela Boishakh-2019

Khulna University Campus

MEMBER AT FINANCE COMMITTEE

sep 25-27 2019

The Rag day and pohela boishakh are arranged by Khulna University students are the largest event of the southeast zone of our country. A huge crowd come to see the festival and enjoy the program.

### KU CSE Fest-2019

Khulna University Campus

CONVENOR

sep 11-12 2019

CSE Fest of Khulna University 2019 arranged by CLUSTER & CSEKU. In this program, there were many events like Programming Contest, Hackathon, Project Show etc.

## Hobbies

**Travelling** Want to travel all around the world.

**Gamming** Love to play Fifa & Call of Duty.

## References

---

### **Dr. Md. Anisur Rahman**

PROFESSOR

CSE Discipline, Khulna University.

Khulna - 9208, Bangladesh.

(+880)-41-720-171

anis@cseku.ac.bd.

### **Dr. Kazi Masudul Alam**

ASSOCIATE PROFESSOR

CSE Discipline, Khulna University.

Khulna - 9208, Bangladesh.

(+880)-1711-149360

kazi@cseku.ac.bd