Saimum **Islam**
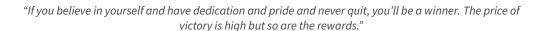
JUNIOR SOFTWARE ENGINEER

Khulna, Bangladesh

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"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 Research and Software Development offering excellence in problem-solving, algorithm & data-structure and merge my innovation, motivating ideas & skills for a contribution towards the Research and Development Community and further enrichment of my knowledge and experiences.

Education

Khulna University   *Khulna, Bangladesh*

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING   *Jan. 2016 - jan. 2020*

I have completed my BSc. at Computer Science And Engineering Discipline of Khulna University.
CGPA: 3.26 out of 4.00.

Khulna University   *Khulna, Bangladesh*

MASTER OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING   *Jan. 2020 - Present*

I am now continuing my study and research at Computer Science And Engineering Discipline of Khulna University.

Publication

BNNet: Towards A Comprehensive Bangla WordNet   *ICCIT-2020*

RESEARCHER

The main objective of our research was to create a Bengali WordNet, a fundamental work for Bangla NLP which was directly mapped with Princeton WordNet. Besides we build large Bi-lingual Resources and User Interface and Restful api to apply them on further research.

Work Experience

Softspace AB   *Remote*

JUNIOR SOFTWARE ENGINEERING   *June 2020 - Present*

I am now continuing as a full stack developer And currently working with reactjs, nodejs. I upgrade myself in every moment with new technical knowledge and apply them in my work to improve my performance.

Competive 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, List, Binary Search Tree, Segment Tree,Heap, Disjoint Set, Adjacency matrix, Adjacency list,Policy Based Data Structure etc..
- Solved programming problems in various online judges using C, C++ and Java and Solved 300+ 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.
- Secured position among Top 10 in real life problem solving contest **Code-Samurai**.
- Secured 3rd positions in Programming Contest as team in Khulna University CSE Fest-2017.
- Set problem for CSEKU Intra Discipline Programming Contest.

Soft Skills

Good Lerner, Work Ethic, Problem Solver, Leadership, Team Work, Adaptability.

Technical Skills

Programming	**Java, JavaScript, TypeScript, Python**
Markup	**HTML5, CSS3.**
Library	**Reactjs**
Framework	**Express.js, Next.js, Material-UI,** Flutter„
VCS	Git
Design Pattern	MVC, BLOCK
Databases	**Sequelize**.
Tools	**Jira, Slack, VS.Code**
Operating System	Windows

Projects

Forkify

PERSONAL PROJECT *Jan 2020-Mar 2019*

This is a basic javascript project.This project is build using ingredients api to show the process of cooking and ingredients. There are many features like the ingredients can be differ for the number of persons
Techenology :Html5, Css3, Javascript.
Source :`https://github.com/SaimumIslam/javaScriptprojects`

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.
Techenology :Simtire, Bootstrap, php, javascript.
Source :The source code of this project is confidential at this moment.

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.
Techenology :native android, Php, Mysql.
Source :`https://github.com/SaimumIslam/CSEKU_SDP_2017_Notice_Board`

Leadership Roles

CLUSTER
Khulna University

FORMER PRESIDENT & PUBLICATION SECRETARY *Jan 2018 -jan 2020*

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 Contests, provides necessary things to the contestants,support poor students, sponsors students for their project and thesis.

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.

References

Dr. Md. Anisur Rahman
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