



YEASEEN ARAFAT

*B.Sc in Computer Science
Bangladesh University of Engineering & Technology*

Career Objective

As an enthusiastic and creative individual with excellent analytical problem solving and team working skills, I want to extend my skills on the research field of Networking, Cyber Security and Blockchain Technology. To build up experience on technical field and achieve more practical knowledge, I am willing to take any responsibilities on the mentioned field.

Education

- 2015–2019 **B.Sc in Computer Science**, *Bangladesh University of Engineering & Technology, Dhaka, CGPA – 3.49/4.00.*
Graduated
- 2012–2014 **Higher Secondary Certificate**, *Chittagong College, Chittagong, GPA – 5.00/5.00.*
12th grade
- 2006–2012 **Secondary School Certificate**, *Nasirabad Govt. High School, Chittagong, GPA – 5.00/5.00.*
10th grade

Work Experience

- 2019 **Lecturer, CSE**, *Southeast University.*
June–Present

Publication

- Title ***A Machine Learning Approach for Protecting Wireless Networks Against Virtual Jamming Based Denial of Service (DoS) Attacks.***
- Supervisor Dr. A.K.M. Ashikur Rahman
- Status Manuscript submitted for publication.

Skills

- Programming Languages: C, C++, Python, Java, Solidity, JavaScript, Assembly Language, MATLAB
- Scripting Language: HTML5, Bash, XML, CSS
- Framework: Nodejs, Django, Bootstrap
- SQL Database: Oracle SQL, MySQL
- Graph Database: Neo4j
- Modeling Languages: UML, ER Diagram
- Software Development Platform: GitHub Inc.
- Network Simulator: NS-2
- Digital System Design: Arduino, ATmega32, RaspberryPi 3
- Drawing and Design Tools: AutoCAD, LatexDraw
- Documentation & Presentation Applications: \LaTeX , Office Suite, Excel 2013
- OS: Ubuntu, Windows

Projects

PLAY & LEARN **Android App**, *Language: Java, SQL*.

An app for autistic child to play simple Q&A and to set alarms.

Angry Birds **Igraphics Project**, *Language: C*.

A casual puzzle video game based on Android game of the same name. Scoring system also included.

GMap API **Information Gain Project**, *Language: Java*.

Usage A project where one can get important images based on his/her current location.

Ball & Shoot **GUI Turbo Assembler Project**, *Language: Assembly*.

Shoot the ball to the line of balls.

Image Compression & Decompression **DIP Project**, *Language: MATLAB*.

An efficient algorithm to compress an image and extract the original image based on a paper.

NACHOS **OS Project**, *Language: C++*.

An instructional software that allows students to examine, modify and execute operating system software, full form - Not Another Completely Heuristic Operating System.

C compiler **Compiler Project**, *Language: C*.

Made of GNU-Flex & Bison Tools.

Home Automation using AlexaPi **Embedded System Project**, *Language: Java, C*.

An Alexa powered Amazon Echo made by Raspberry Pi. Remote control of home appliances with voice command was possible.

Drunk Embedded System Project, Language: C.
Driver A system can detect the presence of alcohol and to stop the vehicle.
Detector

Object Deep Learning Project, Language: python.
Detection Object detection based on Faster-RCNN algorithm and Segmentation learning approaches.
on real time
Video
Streaming

Technical Area of Interests

- Networking & Cyber Security
- Blockchain Technology
- Machine learning & Deep Learning
- Data Structures & Algorithms

Languages

Bengali Native proficiency.
English Professional working proficiency.

Interests

Travelling, Music, Reading Literature, Photography.