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 work for development of an organization that offers an excellent opportunity in the field of engineering education. To build up experience on technical field and achieve more practical knowledge, I am willing to take any responsibilities on the necessary fields.

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

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, JavaScript, Assembly Language, MATLAB
- Scripting Language: HTML5, Bash, XML, CSS
- Framework: Django, Bootstrap
- SQL Database: Oracle SQL, MySQL
- Graph Database: Neo4j
- Modeling Langugaes: 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 Usage — **Information Gain Project**, *Language:* **Java**.
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 Driver Detector	**Embedded System Project**, _Language:_ **C**. A system can detect the presence of alcohol and to stop the vehicle.
Object Detection on real time Video Streaming	**Deep Learning Project**, _Language:_ **python**. Object detection based on Faster-RCNN algorithm and Segmentation learning approaches.

Technical Area of Interests

o Networking & Cyber Security

o Machine learning & Deep Learning

o Data Structures & Algorithms

Languages

Bengali	Native proficiency.
English	Professional working proficiency.

Interests

Sports, Music, Art, Comic, Reading Literature, Photography.