



# Yeaseen Arafat



18 September 1996



TA-217, South Badda, Dhaka-1212



+88 01947381648



<https://yeaseen.github.io/>



1405091.ya@ugrad.cse.buet.ac.bd

## Career Aspiration

Being very ardent to achieve a high-standard profile in academia, I want to extend my expertise learned from my institution in the research field of Networking, applied machine learning in Network systems & security, and therefore, I have a strong desire to contribute my skills in solving real life problems related to the mentioned field.

## Expertise

Coding	C, C++, Java, Python, Solidity, HTML, CSS, JavaScript, Bash, Assembly (Intel x86 & MIPS Architecture)
Framework	Node.js, Express.js, React, Bootstrap
Database	Oracle SQL, MongoDB, Neo4j, MySQL
Modeling	UML, ER Diagram
Other Tools	LaTeX, Git, NS-2, Flex, YACC
OS	Ubuntu, Windows

## Education

2015-2019

B.Sc. Engg. at Computer Science & Engineering  
*Bangladesh University of Engineering & Technology*  
CGPA : 3.49/4.00

*Thesis Supervisor: Dr. A.K.M. Ashikur Rahman*

*Thesis: A Machine Learning based Approach for Protecting Wireless Networks Against Virtual Jamming based Denial of Service (DoS) Attacks*

## Publications

Paper

Yeaseen Arafat, Kazi Samin Yeaser, Ashikur Rahman, and Arnab Dasgupta. 2020. A Machine Learning based Approach for Protecting Wireless Networks Against DoS Attacks. In 7th International Conference on Networking, Systems and Security (7th NSysS 2020), December 22–24, 2020, Dhaka, Bangladesh. ACM, New York, NY, USA, 6 pages.(To appear).

## Notable Academic Projects

Object Detection

Language: Python

Deep Learning Project

Object detection on real time based on Faster-RCNN algorithm and Segmentation learning approaches.

Instagram

Language: Javascript, Platform: MERN stack

Web Development

A social media website. [Live Demonstration Link](#)

Angry Birds

Language: C, Platform: iGraphics

Graphics Project

A casual puzzle video game based on Android game of the same name.

PLAY & LEARN

Language: Java, Platform: Android

Android App Development

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

Home Automation

Language: C++, Bash

Embedded System Project

An Alexa powered Amazon Echo made by Raspberry Pi. Remote control of home appliances with voice command is available. Used Raspberry Pi & ESP8266.

Shopping Cart

Language: Typescript, Platform: React

Web Development

A web application allows online shopping customers to accumulate a list of items for purchase. [Live Demonstration Link](#)

## Teaching Experience

2019-Present

Lecturer,CSE  
Southeast University

## Research Interest

Networking Systems, Networking Security and Privacy & RL/ML for Network Management

## Reference

Dr. A.K.M. Ashikur Rahman  
Professor

Department of CSE, Bangladesh University of Engineering & Technology

Email : ashikur@cse.buet.ac.bd