



# YEASEEN ARAFAT

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

## Career Objective

Being enthusiastically ardent to pursue a high-standard profile in software development, I want to extend my expertise learned from my institution in the applied field of Software Engg., Networking systems & security, and therefore, I have a strong desire to contribute & extend my skills in solving real life problems related to the fields. 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.*
- 2012–2014 **Higher Secondary Certificate**, *Chittagong College, Chittagong, GPA – 5.00/5.00.*

## Work Experience

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

## Publication

- Reference **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. <https://doi.org/10.1145/3428363.3428377>**

## Skills

- Programming Languages: C, C++, Python, JavaScript, Typescript, Java, Assembly Language, Solidity, MATLAB
- Scripting Language: HTML5, Bash, CSS

- Framework: Node.js, Express.js, React, Bootstrap
- Database: MongoDB, Neo4j, Oracle SQL, MySQL
- API: REST, GraphQL
- Software Development Platform: GitHub Inc.
- Network Simulator: NS-2
- Digital System Design: Arduino, ATmega32, RaspberryPi 3
- OS: macOS Big Sur, Ubuntu, Windows

## Projects

- Social Media App** **Instagram**, [Git repo](#), Platforms: **Node.js, Express.js, React Hooks, MongoDB**.  
[Live Website](#)
- Management App** **EventPlanner**, [Git repo](#), Platforms: **Express.js, GraphQL, React, MongoDB**.  
[Live Website](#)
- Forecasting App** **yeaseen's-weather-app**, [Git repo](#), Platforms: **React Hooks, OpenWeatherMap**.  
[Live Website](#)
- E-commerce App** **SimpleShoppingCart**, [Git repo](#), Platforms: **React Reducer, Typescript**.  
[Live Website](#)
- Igraphics Project** **Angry Birds**, *Language: C*, A casual puzzle video game based on Android game of the same name. Saved High score system also included..  
[Github repository of this project](#)
- Android App** **PLAY & LEARN**, *Language: Java, SQL*, An app for mentally challenged children to play simple Q&A and to set alarms..  
[Github repository of this project](#)
- Compiler Project** **C compiler**, *Language: C, GNU-Flex, Bison Tools*.  
[Github repository of this project](#)
- DIP Project** **Image Compression & Decompression**, *Language: MATLAB*, Implementation of an efficient algorithm to compress an image and extract the original image based on a research paper..  
[Github repository of this project](#)
- Machine Learning Projects** **Decision Tree and AdaBoost for Classification from scratch**, *Language: Python*.  
[Github repository of this project](#)
- Movie Recommendation ALS Algo from Scratch**, *Language: Python*.  
[Github repository of this project](#)
- Embedded System Project** **Home Automation using AlexaPi**, *Language: Bash, C++*.  
An Alexa powered Amazon Echo made by Raspberry Pi. Remote control of home appliances with voice command was possible.  
[Project demonstration on YouTube](#)
- Drunk Driver Detector**, *Language: C*.  
A system can detect the presence of alcohol in the car and to stop the vehicle if needs be.  
[Project demonstration on YouTube](#)

## Technical Area of Interests

- Software Development
- Networking & Cyber Security
- ML applications
- Blockchain Technology

## Languages

Bengali Native proficiency.  
English Professional working proficiency.

## Interests

Political Economy of Mass Media, World Order, Heavy Metal, Travelling