



Yeaseen Arafat



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Career Aspiration

Being avidly ardent to attain a high-brow profile in academia, I want to extend my expertise learned from my alma maters and interests in the research field of Systems and their Security, & Web Privacy, and therefore, I aspire to contribute significantly to the field & elongate my skills by solving down-to-earth problems.

Expertise

Language C, C++, Java, Python, Solidity, HTML, CSS, JavaScript, Bash, Assembly (Intel x86 & MIPS Architecture)

Framework TensorFlow, Keras, Node.js, Express.js, React, Bootstrap

Database Oracle SQL, MongoDB, Neo4j, MySQL

Modeling UML, ER Diagram

Tools CMake, GDB, ns-2, \LaTeX , Git, Flex, YACC

OS macOS Monterey, Ubuntu

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.<https://doi.org/10.1145/3428363.3428377>

Notable Academic Projects

Instagram

Language: Javascript, Platform: MERN stack
A social media Web app. [Live Website](#)

Web Development

EventPlanner

Language: Typescript, Platform: MERN stack
A web application allows various event managers to book and share a spate of events. [Live Website](#)

Web Development

Angry Birds

Language: C, Platform: iGraphics
A casual puzzle video game based on Android game of the same name.

C Project

PLAY & LEARN

Language: Java, Platform: Android
An app for autistic children to toy simple Q&A and to set alarms.

Android App Development

Object Detection

Language: Python

Deep Learning Project

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

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. [Project demonstration on YouTube](#)

Teaching Experience

2019-Present

Lecturer, CSE
Southeast University

Research Interest

Systems and their Security, Web Privacy and Security, & RL/ML for Intrusion and Malware detection.

Reference

Dr. A.K.M. Ashikur Rahman
Professor

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