



Yeaseen Arafat



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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 Object detection on real time based on Faster-RCNN algorithm and Segmentation learning approaches.	Deep Learning Project
Instagram	Language: Javascript, Platform: MERN stack A social media website. Live Demonstration Link	Web Development
Angry Birds	Language: C, Platform: iGraphics A casual puzzle video game based on Android game of the same name.	Graphics Project
PLAY & LEARN	Language: Java, Platform: Android An app for autistic children to play simple Q&A and to set alarms.	Android App Development
Home Automation	Language: C++, Bash An Alexa powered Amazon Echo made by Raspberry Pi. Remote control of home appliances with voice command is available. Used Raspberry Pi & ESP8266.	Embedded System Project
Shopping Cart	Language: Typescript, Platform: React A web application allows online shopping customers to accumulate a list of items for purchase. Live Demonstration Link	Web Development

Teaching Experience

2019-Present

Lecturer,CSE
Southeast University

Research Interest

Wireless Ad hoc Networks, AI/ML for Network Management & Network Security

Reference

Dr. A.K.M. Ashikur Rahman
Professor

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