Yeaseen Arafat

🛈 18 September 1996

✉ Block H, Rd 7, South Banasree, Dhaka-1219

☎ +88 01947381648

🌐 https://yeaseen.github.io/

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

Career Aspiration

Being avidly ardent to attain a highbrow 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

IInstagram	Language: Javascript, Platform: MERN stack · Web Development
	A social media Web app. Live Website
EventPlanner	Language: Typescript, Platform: MERNG stack · Web Development
	A web application allows various event managers to book and share a spate of events. Live Website
Angry Birds	Language: C, Platform: iGraphics · C 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 toy simple Q&A and to set alarms.
Object Detection	Language: Python · Deep Learing 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
Department of CSE, Bangladesh University of Engineering & Technology
Email : ashikur@cse.buet.ac.bd