

Ishtiaque Ahmed

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<https://github.com/Ishtiaque-Ahmed>

Education

- B.Sc. Engineering in Computer Science and Engineering
(Final Year Student)
Bangladesh University of Engineering and Technology (BUET)
- BUET Entrance Examination
Rank: 273 out of 10,000 short listed candidates of the country
- H.S.C in Science Group, Dhaka Education Board
GPA: 5/5
Birshreshtha Noor Mohammad Public College
- S.S.C in Science Group, Dhaka Education Board
GPA: 5/5
Birshreshtha Noor Mohammad Public College

Undergraduate Thesis

Title

Security Issues in Named Data Networking (NDN)

Description

Interest Flooding attack is one of the most common methods to initiate a DDoS attack in NDN where malicious nodes flood interest packets and

destroy network connectivity. We study Interest Flooding attack. Our proposed solution is divided into two phases-detection and mitigation. In detection phase, we delay the attack by random weighted load balancing to find the servers from being overloaded quickly. In mitigation phase, we propose statistics based interest acceptance.

Awards and Scholarship

- Ranked in Top 25 in EATL-ProthomAlo app contest over the country, for Dual SIM Cost Management app., 2015.
- Technical Scholarship, BUET
- General Scholarship, S.S.C. Examination

Skills

Technical Skills

- Language: C, C++, Java, PHP, Python
- Database: MySQL, Oracle
- Framework: Laravel, Android
- Others: Algorithms

Personal Skills

- Hardworking
- Self-motivated

- Ability to work under pressure.
- Good interpersonal skills
- Team player
- Leadership

Project Experiences

PreneurLab (August 2016-October 2016)

Worked on developing an automation tool for setting up environment to run a software in different platforms.

Company website

<https://preneurlab.com>

Projects

Calendar

An application built on python language which would produce the calendar of the given date, month and year.

29 Card Game

A C++ card game.

Mobile Simulation

A project built on Java with simple applications of a mobile phone such as instant messaging, contact book, calculator, mailbox etc.

Dual SIM Cost Management

An application built on android framework that selects the cheapest SIM for calling in android supported mobile phones. While calling, the app calculates the call rate between two SIMs and selects the SIM with the cheapest call rate. FnF numbers and call rates are considered for the selection process.

Social Networking App

As a part of networking course, an app built on Java to simulate Facebook like application.

Reversi Game

As a part of Artificial Intelligence course, a game built on Java that can be played against AI.

College Admission website

A website built on Laravel framework that demonstrates college admission based on students' marks of their S.S.C. exams. This website has custom authentications to separate admins and users. A student will log in the website using their name, S.S.C. roll and password and select three colleges of their choice. Based on availability of seats and total marks on physics, chemistry and math, a student will be allotted a college of his preference (If any).

Extra Curricular Activities

- Student Member, ACM Chapter, CSE BUET

