

TASNIMUL HASNAT

BSc. in Computer Science and Engineering | Cybersecurity Analyst | Software Developer | Open Source Enthusiast

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orkhasnat

Tasnimul Hasnat

INTERESTS

Linux

Networking

History

Digital Forensics

OSINT

Economics

Reverse Engineering

SKILLS

Programming Languages

C

C++

Javascript

Bash

Python

Java

x86 Assembly

Frameworks & Libraries

SFML

JavaFX

Angr

EJS

Node.js

React

ExpressJS

OpenCV

Tools

Git

Blender

GDB

Autopsy

Docker

GIMP

Wireshark

Ghidra

Burp Suite

Styling Languages

Sass

Markdown

Latex

YAML

Database

Oracle

MySQL

Mariadb

CO-CURRICULARS

- Organizer of Intra IUT Coderush CTF Competition.
- Problem Setter at KnightCTF 2023.
- Problem Setter at Flaghunt 2023.
- Volunteer at Intra IUT Hackathon Competition.
- Instructor at IUT CTF Club.
- Participated in various national and international CTF (Capture the Flag) competitions since 2022.

EDUCATION

B.Sc. in Computer Science and Engineering

Islamic University of Technology

Jan 2020 – Present

Gazipur, Bangladesh

CGPA: 3.714 (Up to 6th Semester)

ACHIEVEMENTS

BUET CSE Fest CTF 2023
Champion among 100+ teams

DU Cefalo ITVerse CTF 2023
4th among 60+ teams

RITSEC International CTF 2023
7th among 710+ international teams

SUST SWE Technovent CTF 2023
6th among 40+ teams

RIOT Flaghunt CTF 2022
8th among 80+ teams

Awarded IUT-OIC Partial Scholarship
Ranked 195th amongst 4200+ participants. Scholarship awarded for 3 Years equivalent to \$19500.

ACADEMIC PROJECTS

Abaash |

Nov 2022 – Dec 2022

EJS, ExpressJs, Mariadb, Bulma

Abaash is a web-based platform that simplifies the process of finding and renting flats for IUT students. It offers a user-friendly interface for flat owners and tenants, while providing students with a one-stop solution for accommodation and dining needs, including the management of cafeteria coupons. Abaash is the successor to Sanctuary.

Fox's Tale |

Oct 2021 – Nov 2021

C++, SFML

Fox's Tale is a tribute to the classic Rapid Roll game, created using the SFML library. It adds new features such as updated graphics, sound effects, obstacles, power-ups, and achievements to the original game. Nostalgic fan or a new player, it provides an engaging gaming experience that tests your reflexes, agility, and strategic thinking.

Sanctuary |

Jun 2022 – Aug 2022

Java, JavaFX, FXML, SQL

Sanctuary is a user-friendly desktop application built with JavaFX, designed to simplify the process of finding and renting flats for IUT students. It offers students the ability to find flats based on their preferences, and allows flat owners to easily manage their properties and tenants.

Outbreak |

Jan 2021 – March 2021

C++, SFML

Outbreak is a viral simulator developed in C++ and SFML. It models the spread of viruses based on parameters such as transmission rate, mortality rate, and incubation period. Users can manipulate these parameters to see how they affect the spread of the virus.