Ove Bepari

Fully Vaccinated

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I am a tech enthusiast, a generalist undergrad, explored every possible abstraction layers of CS and prefer to stay in the bottom layers, away from the general users and closer to the system. I find how two abstraction layers communicate with each other (IPC, API, RPC etc) interesting.

Education

- **Dhaka University of Engineering & Technology, Gazipur**   *February 2018 - 2022*
  - BSc, Computer Science and Engineering (only final thesis is due now)

Technical Skills

- C++, Python, GNU/Linux systems (5+ years), CLI Applications, Version controlling - Git, OSI Layers, Database & DBMS, AWS, Open Source exploring, Software Licensing. I notice and enjoy other's design choices (UI/UX, System Architecture, Typography etc)

- Algorithmic Problem Solving (340+ and counting), InfoSec Security Contests (CTFs)

Experiences and Generalized Projects

- **TicketBD, an online bus ticket selling platform**   *February 2016 - 2017*
  - TicketBD, lauched on Sayedabad, Dhaka to sell bus tickets. Designed and implemented this PHP backend application, handled multiple buy requests to the same "bus seat" using caching

- Also, a Github clone, that only lets me clone over http (push requires CGI scripting) - python flask backend, A Microsoft Outlook Plugin - Phish Me, Desktop and Webapp plugin that helps to report phish emails to sysadmin. And other mini projects to understand various abstraction layers of Operating Systems

- I write and investigate about Systems, System Architecture, GNU/Linux, Software Daemons, File Systems (undergrad thesis on file systems on user space), syscalls (strace!), Infosec, Computer Networks and the Internet on my free time

Leadership Experiences (selected)

- **Vice President, Ex General Secretary - DUET Computer Society**   *July 2021 - June 2022*
  - I manage and moderate DUETCS organization repositories and profiles on Github, Website, LinkedIn
- **Senior Vice President - DUET Sports Club**   *July 2021 - Jan 2022*

Awards and Certifications

- **ITEE, Level 2 - FE, Full Pass, Examinee No: FE01-0644** (Nov 2021, Information Technology Engineers Examination - ITEE is the national level IT Engineers Examination governed by IPA, Japan, considered as IELTS of CS)

- **Champion of Intra-DUET English Olympiad** (2019, Became the champion of Intra-DUET English Olympiad held by English Language Club, DUET)

Field of Interests

- Computer Systems, Core CS, World Peace, Mass/Public Education, Storytelling, Animal Conservation (Volunteered for a year at Creative Conservation Alliance, Turtle Conservation Center, Bhawal National Park in this lockdown), Sports and Poetry, Chess, Math, Online forums (Hacker News, Reddit), Local and Global Economy and anything that stirs the intellectual interest