

# Md Naeem

 Researchgate  LinkedIn  mohd-naeem.github.io  mohdnaeem3678@gmail.com

## EDUCATION

### Bachelor of Science in Mechanical Engineering

Bangladesh University of Science and Technology

April 2019 - Present

Dhaka, Bangladesh

CGPA: 3.66(current)/4.0

## SKILLS

Python  
SolidWorks

Autocad  
Tecplot

Matlab  
Word

Excel  
PowerPoint

Lammps  
L<sup>A</sup>T<sub>E</sub>X

## RESEARCH INTERESTS

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Internet Technology
- Systems Programming
- Computer Architecture

## PROJECTS

### Carbon | Flutter, Dart, Supabase, APIs (INRIX, Google Maps), Git, Unix Shell, VS Code

Nov. 2023

- Team project for the INRIX Hack 2023 Hackathon, earned Honorable Mention
- Developed a social media mobile app to gamify eco-friendliness using the INRIX API
- Learned how to use Flutter in conjunction with backend databases and APIs

### ChatBuzz | TypeScript, HTML/CSS, Webpack, API (Twitch), Git, Unix Shell, VS Code

May 2023 – Present

- Developed a full-stack web application for Twitch livestreamers to display repeated chat messages on OBS
- Experimented with Twitch API's OAuth Access Tokens to get chat data from the given channel
- Collaborated with livestreamers to get feedback and suggested features
- Solved problems relating to asynchronous tasks

### FoodDropper | Java, Maven, API (Spigot), Git, IntelliJ IDEA

Aug. 2022

- Developed a Minecraft server plugin to limit players to one way of replenishing their hunger bar
- Used persistent data containers to save and load data, ensuring that it persists across plugin resets
- Optimized UX e.g. sound design, food drop timing, supplied saturation level, and addressed potential workarounds

## EXPERIENCE

### Competitive Programming Club | Member

Sept. 2023 – Present

Involved in the club centered around Competitive Programming

### Apex Tutoring | Tutor

2019 – Present

Routinely tutor K–12 students in math, coding, etc.

### Luigi Team Charity | Volunteer, Manager

2018 – Present

Earned an award for philanthropic hours spent, still giving away 100 stocked backpacks a year

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## REFERENCES

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**Playing the Drums** 2013 – 2019

Played the drums in symphonic, jazz, and marching bands

**3<sup>rd</sup> Place Time Keeping Challenge Championship (Time Keeping Association)** Feb. 2022 – May 2022

Won \$1500 nationally competing against high school students in counting seconds and minutes