

SAYED NAHID

Programmer and Researcher

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📍 Dhaka, Bangladesh

EXPERIENCE

Executive Member

DIU Computer and Programming Club

📅 Jan 2022 – June 2023 📍 DSC, Birulia, Savar, Dhaka

- Competitive Programmer DIU ACM Wing
- Member of Documentation writing team during Research Workshop Volume 3 hosted by Research and Journal Wing
- Executive Volunteer at CSE fest 2022

PROJECTS

MedPrice Calculator

- **Description:** System counts pills and identifies which medicine it is from captured image and shows Bill for it.
- **Contribution:** I was responsible for Back-End development, User authentication, Image segmentation and Augmentation along with Data Collection.
- **Tools:** Django, Ajax, SQLite, Pandas

QuickBasket

- **Description:** Online Grocery shop
- **Contribution:** User Authentication, Product Search, Cart, Wishlist, Log in/out, Place order, Payment and Review
- **Tools:** Django, JavaScript, Bootstrap, Ajax, SQLite

FoodHub

- **Description:** User can Order Food both online and onsite after seeing reviews of that item also Book table for certain time
- **Contribution:** User Review, Book Table, Registration, Log in/out
- **Tools:** Django, JavaScript, Bootstrap, CSS, SQLite

Satellite launching in solar system

- **Description:** An OpenGL project for simulating how our solar system looks and how we can deploy a satellite into the orbit through a Rocket.
- **Contribution:** Design and Function every planet, Rocket and Satellite design and Functionality implementation, Specific logics for particular object.
- **Tools:** C, CPP, OpenGL

PUBLICATIONS

- Rashik S, M Ullah, R Islam, **Sayed Nahid**, Dr. A W Reza and Dr. Shamsul Arefin "A Comprehensive Review on Family Budget Management" 6th International Conference on Intelligent Computing and Optimization(ICO 2023) pp 379-391 Publisher: Springer Nature
- M Ullah, **Sayed Nahid**, M Jahangir Alam "Automated Medicine Billing with Image Recognition" IEEE CONFERENCE ON COMPUTING, APPLICATIONS AND SYSTEMS (COMPAS)-2024 [Submitted]

EDUCATION

B.Sc. (CSE) - 3.80 CGPA(out of 4)

Daffodil International University

📅 May 2020 – July 2024

PROBLEM SOLVING

- CodeForces: 300+
- Beecrowd: 220+
- HackerRank: 100+
- UVa: 60+
- LightOJ: 60+
- LeetCode: 50+
- Others: 350+

ACHIEVEMENTS

- **Champion:** Datathon Contest 2023
- **7th Rank:** Programming Battle 2k21
- **8th Rank:** Advance Camp Contest 2021
- **5th Rank:** Programmers Proving Ground 23
- **3rd Rank:** Algorithm LAB Final Fall-2021
- **4th Rank:** PPS LAB Final Fall-2020
- 50% Tuition Fee waiver **for 4 out of 4**
- 50 Days Badge 2024 on LeetCode

TECHNICAL SKILLS

- **Programming Skills:** C, C++, Python
- **Web Technologies:** HTML, CSS, JavaScript, Django, DRF, SQL, Ajax, JQuery, Bootstrap
- **Database:** MySQL, SQLite
- **Version Control:** Git, GitHub
- **Office Tools:** Microsoft(Word, PowerPoint, Excel), Google Workspace(Docs, Sheets, Slides)
- **Machine Learning:** Pandas, Numpy
- **Operating System(OS):** Linux, Windows
- **Others:** LaTeX

PERSONAL SKILLS

- **Languages:** English, Bangla
- **Typing Speed:** 40-50 WPM(Word Per Minute)
- **Leadership:** As Team Lead Participated both Regional and District Scout Camp
- **Event Management:** As Executive hosted CSE Fest 2022, School events and Scout programs
- **Photography:** Highly Passionate Mobile Photographer