

SAYED NAHID

Programmer and Researcher

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/Sayed-Nahid

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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 CPC 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

MedicinePrice Calculator(Automatic Billing System)

- Description:** System counts pills and identifies which medicine it is from the 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, TensorFlow, YOLO

ShopNow

- Description:** Online Market place(E-commerce) where User can Search Products, Order and make payment
- Contribution:** Authentication, Authorization, User registration, Payment gateway(paypal), User Friendly cart and Order history.
- Tools:** DRF(Django REST Framework), React JS, SQLite
- Source Code:** Frontend Backend

QuizBit

- Description:** Online MCQ Quiz App
- Contribution:** One Successful attempt for a user, Timer, Participants performance history API endpoint
- Tools:** React, DRF(Django REST Framework), JavaScript, SQLite
- Source Code:** Frontend Backend

Solar System w/ Satellite Launching Simulation

- Description:** An OpenGL project to simulate how our solar system looks and how we can deploy a satellite into the orbit using a rocket.
- Contribution:** Design and function of every planet, Rocket and Satellite design and function 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: 350+
- Leetcode: 100+
- Beecrowd: 220+
- HackerRank: 100+
- UVa: 100+
- LightOJ: 60+
- 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% Tution Fee waiver for **4 out of 4**
- LeetCode **50 Days and 100 Days** badge 2024
- Participated ICPC Asia Dhaka Regional Site Online Preliminary Round 2021, 2022

TECHNICAL SKILLS

- Programming Skills:** C, C++, Python
- Web Technologies:** Django, DRF(Django REST Framework), RESTful APIs, React JS, SQL, Postman, Ajax, Jquery, Bootstrap, HTML, CSS, JavaScript
- 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