

Saidul Islam Nayan

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EXPERIENCE

Research Assistant at Center for Advanced Bioinformatics & AI Research (CABAIR)	May 2020 - Aug 2025
Conduct scientific research by planning methodologies, collecting and analyzing data, and writing manuscripts.	
ICT Trainer (Contractual) at Edumaker powered by ICT Division Bangladesh	June 2023 - Aug 2023
Providing training, and arranging practical sessions to help school/college teachers learn to apply ICT in education	
Web Developer (Internship) at UGV Software Development Wing	Apr 2022 - June 2022
Develop websites in Django framework, building connection with PostgreSQL database in a collaborating team	

EDUCATION

Eötvös Loránd University, Budapest	Sep 2025 - Ongoing
Master's of Science in Data Science 3 years	
University of Global Village (UGV), Barisal	Dec 2022
Bachelor of Science in Computer Science & Engineering (CSE) 4 years 171 credit 3.87 out of 4.0	
Courses: Statistics, Discrete Mathematics, DS, Algorithms, OS, Digital Electronics, DBMS, Computer Architecture, AI, OOP, System Analysis, Telecommunication, SWE, ML, Web technology, Unix, Simulation, VLSI, Network & Security	
Thesis: Comparision of Different ML Models with Different Hyperparameters Tuning on The MNIST Dataset	

PUBLICATIONS

Journal of Life Sciences ELSEVIER	Nov 2023
Network Based Approach to Identify Interactions Between Type 2 Diabetes and Cancer Comorbidities	
26th International Conference on Computer and Information Technology (ICCIT) IEEE	Dec 2023
RoseVision: A Rose Leaf Disease Detection Mobile App Using Modified Convolutional Neural Network	

PROJECTS

Web: Restaurant & grocery shop (Laravel), university & library portal (Django), Dr. appointment (PHP), forum (WordPress)	
Software/App: Canteen POS (Java Swing), text-to-speech & object identification app (Flutter), chatbot (Python), sum (c)	
Robotics: Line-following and obstacle-avoiding robots (Arduino), home automation and virtual telepresence (IoT)	
AI: Object detection (OpenCV), plant disease classification (MCNN), traffic monitoring (YoloV3), health prediction (KNN)	
Others: Email templates (Mailchimp), illustrations (Adobe), visualizations (PowerBI), molecular docking (DiscoveryStudio)	

TRAININGS

		COURSES	
Computer Office Application (3 months) Bangladesh Computer Council (BCC), Barisal	Mar 2018	Computer Aided Drug Design (3 Days) Dawn of Bioinformatics, Dhaka	Aug 2023
Graphic Design (3 months) Bangladesh Small Cottage Industry Cor. (BSCIC), Barisal	Dec 2018	Google IT Support (6 months) Google (Coursera)	May 2021
Web Development (6 months) Bangladesh Hi-Tech Park Authority, Barisal	June 2019	Database for Developers (3 months) Oracle Dev Gym, (Online)	June 2022
Digital Marketing (6 months) Bangladesh ICT Division, Barisal	June 2020	Google Data Analysis (6 months) Google (Coursera)	Mar 2023
Software Development (6 months) Bangladesh Hi-Tech Park Authority, Barisal	Dec 2021	Google Project Management (6 months) Google (Coursera)	Oct 2023

AWARDS

NASA Space Apps Challenge (2nd Runner-up) Divisional Round, Barisal	2023
BeChangeMaker Global (Top 30) Divisional Round, Barisal	2023
NASA Space Apps Challenge (1st Runner-up) Divisional Round, Barisal	2022
Inter University Programming Contest (3rd) University of Global Village (UGV), Barisal	2018

CERTIFICATIONS

First Aid for Adult and Children International Federation of Red Cross	2024
Python (Basic) Certification HackerRank	2022
Responsive Web Design Certification freeCodeCamp	2021
APTIS General English Test Certification British Council	2019

SKILLS

Tools: C, Python, HTML, JS, PHP, MySQL, Flutter, Git, Excel, PowerBI, Canva, G-suite, Latex, Jupyter, Cytoscape, Adobe
Language: Bangla (Native), English (IELTS: 7.0), Hungarian (Basic), German (Basic)

RECOMMENDATIONS

Prof. Dr. Md Habibur Rahman
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