Saidul Islam Nayan

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https://saidulnayan.github.io/portfolio | linkedin.com/in/saidul-nayan | researchgate.net/profile/Saidul-Islam-Nayan

EXPERIENCE

Research Assistant (Online) at Center for Advanced Bioinformatics & AI Research (CABAIR)   **May 2020 - Present**
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

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

Computer Office Application (3 months**)**   **Mar 2018**
Bangladesh Computer Council (BCC), Barisal

Graphic Design (3 months**)**   **Dec 2018**
Bangladesh Small Cottage Industry Cor. (BSCIC), Barisal

Web Development (6 months**)**   **June 2019**
Bangladesh Hi-Tech Park Authority, Barisal

Digital Marketing (6 months**)**   **June 2020**
Bangladesh ICT Division, Barisal

Software Development (6 months**)**   **Dec 2021**
Bangladesh Hi-Tech Park Authority, Barisal

COURSES

Computer Aided Drug Design (3 Days**)**   **Aug 2023**
Dawn of Bioinformatics, Dhaka

Google IT Support (6 months**)**   **May 2021**
Google (Coursera)

Database for Developers (3 months**)**   **June 2022**
Oracle Dev Gym, (Online)

Google Data Analysis (6 months**)**   **Mar 2023**
Google (Coursera)

Google Project Management (6 months**)**   **Oct 2023**
Google (Coursera)

AWARDS

NASA Space Apps Challenge (2nd Runner-up**)**   **2023**
Divisional Round, Barisal

BeChangeMaker Global (Top 30**)**   **2023**
Divisional Round, Barisal

NASA Space Apps Challenge (1st Runner-up**)**   **2022**
Divisional Round, Barisal

Inter University Programming Contest (3rd**)**   **2018**
University of Global Village (UGV), Barisal

CERTIFICATIONS

First Aid for Adult and Children   **2024**
International Federation of Red Cross

Python (Basic) Certification   **2022**
HackerRank

Responsive Web Design Certification   **2021**
freeCodeCamp

APTIS General English Test Certification   **2019**
British Council

SKILLS

Tools: C, Python, HTML, JS, PHP, MySQL, Flutter, Git, Excel, PowerBI, Canva, G-suite, Latex, Jupyter, Cytoscape, Adobe
Language: Bangla (Native**), English (**Fluent**)**

RECOMMENDATIONS

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