Shadhin Nandi

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OBJECTIVE

To develop a competitive career that deals with any type of challenges related to computer science and engineering and to apply my interpersonal skills to enhance organizational efficiencies. To make a strong contribution to the hiring organization through a strong sense of responsibility and self-improvement and to raise myself as a valuable professional in order to serve the country.

EDUCATION

❖ **B.Sc. in Computer Science & Engineering (Ongoing, Expected 2026)**
United International University, Dhaka, Bangladesh
CGPA: 3.91/4.00 (92 Cr)

❖ **Higher Secondary Certificate (2021)**
Mirpur High School & College,
Dhaka, Bangladesh
GPA: 4.83 (Dhaka Board)

❖ **Secondary School Certificate (2019)**
Banophool Adibashi Green Heart College,
Dhaka, Bangladesh
GPA: 4.28 (Dhaka Board)

ACADEMIC INTERESTS

- Machine Learning and Automation for intelligent systems
- Robotics and Internet of Things (IoT) integration
- Human Computer Interaction (HCI) and User Experience (UI/UX) design
- Research and Development in emerging technologies
- Bioinformatics and computational genomics
- Digital Image Processing and Deep Learning applications

TECHNICAL PROFICIENCIES

Category	Skills & Tools
Programming Languages	C & C++, Java, Python, Html, CSS, Js, PHP (Basic)
Application Package	MS Office, Google Docs/Sheets/Slides
Databases	MySQL, MongoDB
Networking Simulation	Cisco Packet Tracer
OS & System Administration	Windows 8/10/11, macOS
Design & Multimedia	Figma
Collaboration & Workflow Management	Jira, Click Up

PROJECTS

- ❖ Farmers Marketplace - online platform for local farmers
  - Tools / Tech: PHP, SQL, HTML, CSS
  - Promoted fair trade and transparency
- ❖ Durjog Prohori - disaster management tool
  - Tools / Tech: React, MongoDB, Node.js
  - Improved disaster response readiness
- ❖ UIU Grading Calculator - GPA/CGPA calculator for UIU students
  - Tools / Tech: HTML, JavaScript
  - Simplified student grade tracking
- ❖ Ocean Surface Trash Detection - digital image processing + *Automated River Analysis Marine*
  - Tools / Tech: Python, YOLOv11, OpenCV, TensorFlow, Embedded hardware
  - Supported environmental sustainability efforts

LEADERSHIP & ACHIEVEMENTS

- ❖ Undergraduate Teaching Assistant, UIU (CSE Dept.) — 8+ months, ongoing
  - Assisted in courses:
    - Object-Oriented Programming (OOP with Java),
    - Introduction to Computer Systems (ICS with C), and
    - Data Structures & Algorithms (DSA with C++)
  - Conducted labs, hands-on classes, and project guidance sessions.
  - Provided counseling and academic support to students.
- ❖ CSE 4326 – Microprocessors and Microcontrollers Lab Project
  - **3RD RUNNERS-UP** among **73 teams** in the **CSE PROJECT SHOW (SUMMER 2025)** for *"Automated River Analysis Marine (ARAM)"* – a smart autonomous river monitoring system by **Team ReBuggers**.

LANGUAGES

- ❖ English (Fluent)
- ❖ Bangla (Fluent)
- ❖ Hindi (Conversational)

EXTRACURRICULAR ACTIVITIES & INTERESTS

- ❖ Photography
- ❖ Cooking
- ❖ Puzzle-solving / Chess / Strategy Games
- ❖ Robotics

REFERENCES

Available upon request.