Argha Tarafder
Electrical & Electronic Engineer | Python & C++ Enthusiast

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CAREER OBJECTIVE

EEE graduate with strong foundations in **Python, C++, and C programming**, along with problem-solving and basic system design knowledge. Experienced in Linux environments and hands-on project work. Passionate about software engineering and eager to contribute as an **Associate Software Engineer** at Synesis IT, applying technical skills while continuously learning and growing in real-world systems.

EDUCATION

Bachelor of Science in Electrical & Electronic Engineering (EEE)	2020–2025
Ahsanullah University of Science and Technology (AUST), Dhaka	CGPA: 2.859
Higher Secondary Certificate (Science)	2019
Notre Dame College, Dhaka	GPA: 5.00
Secondary School Certificate (Science)	2017
St. Gregory's High School & College	GPA: 5.00

TECHNICAL SKILLS

Languages: Python, C++, C
Concepts: Data Structures & Algorithms, Object-Oriented Programming, Basic System Design
Tools: Linux, MATLAB, Arduino, Proteus, PSpice, AutoCAD, Quartus
Soft Skills: Teamwork, Problem-Solving, Communication, Documentation

PROJECTS

- **Python Practice Scripts:** Implemented problem-solving algorithms and automation tools for log parsing and data processing.

- **Linux & Automation:** Bash scripting for routine system checks and environment setup.

- **Thesis – Wind MPPT using ANFIS:** MATLAB-based intelligent controller for renewable energy optimization.

- **Arduino Projects:** Bluetooth-controlled car (HC-05) and TRIAC-based AC dimmer.

CERTIFICATIONS

Programming for Everybody (Python) — Coursera
Cisco Networking Academy: Introduction to Cybersecurity, Networking Learn-A-Thon
CCNA (Institute of Continuing Education) — Module 1 Completed