ABDULLAH AL MAMUN

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37/1 Ahmedbug, Sobujbug, Dhaka, Bangladesh

Objective

To enhance my professional skills, capabilities and knowledge in an organization which recognizes the value of hard work and trusts me with responsibilities and challenges.

Experience

Ahom Limited
05/01/2025 - Till now
Executive Research & Development

IOTA Consulting BD
01/05/2024 - 30/07/2024
Junior Consultant

SEBPO
21/09/2023 - 30/04/2024
Data Analyst

GAOTek
01/05/2021 - 30/07/2021
Administrative Assistant Intern

Education

University of Dhaka
2024 to Present
Masters in Information Technology

Ahsanullah University Of Science And Technology
2016 to 2021
B.Sc in Electrical & Electronic Engineering
CGPA 2.87

National Ideal College
2013 to 2015
Higher Secondary Certificate
GPA 5

Motijheel Model High School
2006 to 2013
Secondary School Certificate
GPA 5

Skills

MICROSOFT OFFICE

HTML; CSS

C++

- CCNA
- API
- Github
- Figma

Projects

DC power supply using Buck boost dc to dc converter

Objective of this project is to make a dc power supply using buck boost converter circuit from AC 220 volt.

A Comparative Study of Static and Dynamic CMOS Logic

With the view to observe how the choice of the CMOS technology influences the behaviour, in terms of power consumption and delay of digital circuit, a study of CMOS static and Dynamic logic has been presented. The study shows that power values of dynamic logic is lower than those for static logic and an appropriate choice of logic can lead to high performance, low power VLSI design.

System Protection Coordination Study for Electrical Distribution System

This presents relay coordination and tripping sequence of circuit breakers using Electrical Transient Analysis Program (ETAP) by choosing appropriate relays and circuit breakers settings.

Line Following Robot Using Arduino Uno

Arduino microcontroller use c programing language to control the motor by using signals from IR sensor. This bot can follow a white or black line

Achievements & Awards

- Completed Technical Support Fundamentals developed by Google and adapted by Coursera.
- Completed Supply Chain Logistics, developed by Rutgers the State University of New Jersey and adapted by Coursera.
- Completed Marketing in a Digital Word, developed by the University of Illinois and adapted by Coursera.

Publications

Artificial Intelligence for Detection of Lung Cancer using Transfer Learning and Morphological Features

https://link.springer.com/article/10.1007/s11227-024-05942-z?fbclid=IwY2xjawFNMX1leHRuA2FlbQIxMQABHYkOR_N_wj0VOEYZDIaZtqdKc3jVS6zqyAzQQ0_xRUuN

Interests

- Music
- Traveling
- Reading

Languages

- English
- Bangla

Social Profile

linkedin.com/in/abdullah-al-mamun-a1290b1ab