



Taslim Amin

Undergraduate Student

Motivated Electrical and Electronic Engineering 3rd year student with practical experience in design, simulation, and system analysis. Skilled in Quartus, C++, and MATLAB. Eager to contribute to innovative engineering solutions and CMOS technology.

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Education

BSc in Electrical and Electronic Engineering

Ahsanullah University of Science & Technology

2023-2026

CGPA: 3.301 out of 4.00(up to 5th semester)

Higher Secondary Certificate

Bandarban Cantonment Public School and College

2020-2021

GPA: 5.00 out of 5.00

Secondary School Certificate

Lama Govt. High School

2014-2019

GPA: 4.67 out of 5.00

Experiences

Augmedix Bangladesh

Duration: 1 day

September, 2025

- Visited Augmedix Bangladesh on an IEEE-organized industry tour, gaining insights into AI-driven healthcare documentation, SQL skill pathways, and corporate recruitment processes.

Academic Projects

1. Design and Simulation of an Adjustable Digital Clock

- Designed and simulated an adjustable digital clock using core digital logic components, implementing counters, decoders, and seven-segment displays as part of coursework at Ahsanullah University of Science and Technology.

2. Table Reservation System Using C++

- Implemented a C++ reservation system with functions for booking, canceling, and viewing table availability, strengthening skills in object-oriented programming and data structures.

3. Fourier Vision: An interactive MATLAB App for Fourier series signal analysis and reconstruction

- Developed Fourier Vision, an interactive MATLAB app designed to support teaching by visually demonstrating Fourier series decomposition and reconstruction for clearer conceptual understanding.

4. AutoCAD-Based Electrical Service Layout Design for Residential Building

- Developed a full electrical service layout using AutoCAD, including power distribution, lighting design, and load calculations aligned with professional building design standards.

Skills

Technical Skills

- Quartus
- MATLAB
- C++
- OrCAD PSpice
- AutoCAD
- Latex
- MS Word, MS Excel
- PowerPoint

Soft Skills

- Problem solving
- Teamwork
- Communication
- Adaptability
- Time management
- Leadership

Achievements

2nd Runner-Up

Numerical Analysis Contest

AUST EEE Society

1st Prize

41st National Science Olympiad,

2020

Extracurricular Activities

Ass. Head of PR and Social Media

AUST programming and Information Club

Executive member

AUST IEEE Student Branch

Cadet

Bangladesh National Cadet Corps