



# Taslim Amin

## Undergraduate Student

Motivated Electrical and Electronic Engineering 3<sup>rd</sup> 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  
CGPA: 3.301 out of 4.00(up to 5<sup>th</sup> semester)

2023-2026

### Higher Secondary Certificate

Bandarban Cantonment Public School and College  
GPA: 5.00 out of 5.00

2020-2021

### Secondary School Certificate

Lama Govt. High School  
GPA: 4.67 out of 5.00

2014-2019

## 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

41National 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