



MD. AL-AMIN AHMED TANZIL

ASPIRING ELECTRICAL & ELECTRONICS ENGINEER

CONTACT

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SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Effective Communication
- Critical Thinking

CO-CURRICULAR ACTIVITIES

- Sub Executive
AUST INNOVATION AND DESIGN CLUB
- Executive, Communications
AUST CAREER DEVELOPMENT CLUB
- Media Co-ordinator
BAF SHAHEEN COLLEGE DHAKA
SCIENCE CLUB
- Member of Unity Blood Donation
- Volunteered to mentoring junior students in VLSI coursework, promoting knowledge sharing and skills development.

LANGUAGES

English

Bangla

Advanced

Proficient

ADDITIONAL INFORMATION

Interest: Keen interest in history, philosophy and theology

SUMMARY

Dedicated and motivated Electrical and Electronics Engineering undergraduate with a strong foundation in circuit design, control systems, and power electronics. Proficient in using simulation tools such as MATLAB, Simulink, and AutoCAD. Skilled in problem-solving, project management, and teamwork through academic projects. Passionate about applying technical knowledge to real-world challenges, eager to contribute to innovative engineering solutions, and looking for entry-level opportunities to leverage skills and gain practical experience in the field.

EDUCATION

- 2020 - 2024**
AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
Bachelor of Science
Electrical and Electronics Engineering
- 2017 - 2019**
BAF SHAHEEN COLLEGE DHAKA
Higher Secondary Certificate
GPA: 5.00 / 5.00
- 2015 - 2017**
BANGAMATA SHEIKH FAZILATUNNESA MUJIB GOVT. SECONDARY SCHOOL
Secondary School Certificate
GPA: 5.00 / 5.00

THESIS

Design analysis of an Ultra wideband microstrip patch antenna for RF energy harvesting.

PROJECTS

- Distance measurement by using ultrasonic proximity sensor -HCSR 04.
- MATLAB simulation on pulse coded modulation.
- A comparative analysis on SRAM cells (6T, 7T, 8T, 9T).
- Design of a variable frequency drive (VFD) -30Hz to 55 Hz
- High performance subtractor using hybrid logic style.

SOFTWARE EXPERIENCE

- Virtuoso Cadence
- MATLAB | Simulink
- Arduino IDE 2.3.2
- OrCad 9.2
- AutoCad
- CST(Computer Simulation Technology)
- C/C++
- Quartus Prime