Kamrul Hasan

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CAREER OBJECTIVES

I want to learn quickly and solve tasks effectively. I always try to find problems and solve them properly. I want to establish myself as an honest and efficient lead Engineer. And hopefully, I will try to make my workplace proud through my work.

ACADEMIC INFORMATION

- **B.Sc.** in Electrical and Electronic Engineering (EEE), United International University (UIU), September 2019, **CGPA:** 3.02 out of 4.00
  Major: Electronic; Minor: Computer and Communication
- **HSC,** Major General Mahmudul Hasan Ideal College, Science Group, Dhaka Board: 2012, **GPA:** 4.90 out of 5.00
- **SSC,** Jadunath Pilot High School, Science Group, Dhaka Board: 2010, **GPA:** 5.00 out of 5.00

JOB EXPERIENCE

3 Years+ Working Experience (Oct. 2021 – Jan. 2025)**, Walton High Tech Industry PLC.**
  Asst. Principal Officer (Refrigerator, Research and Innovation Department)
- Reliability test and report making of the frost and non-frost refrigerators.
- To make an SOP instruction manual for inverter boards and power cords for the assembly process of the refrigerators.
- Harness drawing of the refrigerators.
- Root cause analysis of the problematic refrigerators.
- Handling draft BOM and Benchmarking of the refrigerators.

THESIS TASK

Thesis Title: "Design for Testability" (DFT) in Cadence
  Supervised by Salahuddin Ahmed, Assistant Professor, Dept. of EEE

CORE SKILLS

- **Cadence EDA Tools:** Virtuoso, IES, Genus, Innovus or Encounter
- **Software:** PSpice, Xilinx, MATLAB, Code Blocks, Proteus, AutoCAD, Cisco Packet Tracer
- **programming Languages:** Verilog-HDL, C
- **Packages:** MS Word, MS Excel, MS PowerPoint
- **Operating System:** Windows, Basic Linux

PROJECT

- "Design of Two-Stage Operational Amplifier (Op-Amp)" using a *virtuoso tool*
- "Design of 4-bit Array multiplier" using a *virtuoso tool*

LANGUAGE PROFICIENCY

- **Bengali:** Mother language (Native)
- **English:** Good at listening, reading, writing, and speaking

EXTRACURRICULAR ACTIVITIES

- IEEE Project showcasing: Line Follower Robot using Arduino Uno
- PCB Design in IEEE workshop

RESEARCH INTEREST

- Nanotechnology
- VLSI Circuit Design
- Semiconductor device

HOBBIES

- Learning new things, Travelling, Football, Cricket, Badminton etc.

PERSONAL PROFILE

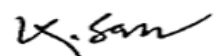|	
Surname: Sojib	Marital status: Unmarried
Date of Birth: 04.12.1994	Blood Group: O (+ve)
Gender: Male	Nationality: Bangladeshi
Religion: Islam	NID No.: 824 195 3523

REFERENCES

[Dr. Md. Iqbal Bahar Chowdhury]
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Head of the EEE Department, UIU]
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Email: [ibchy@eee.uiu.ac.bd]

[Salahuddin Ahmed]
[Assistant Professor, Department of EEE,UIU]
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DECLARATION OF AUTHENTICITY

"I hereby declare that all the information stated above is true and complete."

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(Signature)
Kamrul Hasan