

NAZMUS SAAD LAMIM

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Dhaka, Bangladesh

OBJECTIVE

Seeking a research opportunity in wireless communication and related systems to explore enabling technologies and applications of next-generation networks, with the goal of advancing communication protocols through rigorous research and innovation.

EDUCATION

- Bangladesh University of Engineering and Technology**
BSc in Electrical and Electronic Engineering
◦ GPA: 3.71/4.00
◦ Major: Communication and Signal Processing
◦ Thesis Title: Joint Pilot Assignment and Pilot Power Allocation for Cell-free Massive MIMO
April 2019 - July 2024
Dhaka, Bangladesh

EXPERIENCE

- Department of EEE, BUET**
Undergraduate Research Assistant
◦ Minimize channel estimation error in Cell-free Massive MIMO
June 2023 - July 2024
City, Country
- Bangladesh Betar (Radio)**
Engineering Intern
◦ Hands-on experience in industrial broadcasting system
November 2023
Dhaka, Bangladesh

PUBLICATIONS

- [C.1] **Joint Pilot Assignment and Pilot Power Allocation to Minimize Channel Estimation Error in Cell-free Massive MIMO Communications**. Submitted in "IEEE ICTP 2025" Conference, December 18-19, 2025, Dhaka, Bangladesh

SKILLS

- Languages:** C, C++, Python, MATLAB, System Verilog
- Simulation:** PSPICE, Simulink, Quartus, Ansys FDTD, HFSS, AutoCAD
- Optimization:** AMPL, Knitro
- Hardware:** Arduino, FPGA, STM Microcontroller
- Documentation:** Overleaf(LaTeX), MS Office, Excel

AWARDS

- University Merit Scholarship**
Department of EEE, BUET
◦ Awarded for being top 10 of the class
2023 - 2024
- Dean's List Scholarship**
Department of EEE, BUET
◦ Awarded for having GPA > 3.75
2023 - 2024
- Government Board Scholarship**
2010 - 2018

TEST SCORES

TOEFL iBT: Overall Score: 106/120 (R-30, L-26, S-25, W-25)

REFERENCES

- Dr. Md. Forkan Uddin**
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Bangladesh University of Engineering and Technology
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Relationship: Thesis Supervisor
- Dr. Mohammed Imamul Hassan Bhuiyan**
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