

NAZMUS SAAD LAMIM

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BUET, Dhaka, Bangladesh - 1000

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. I am also interested in wireless sensing and applying AI/ML in wireless systems.

EDUCATION

- Bangladesh University of Engineering and Technology** April 2019 - July 2024
BSc in Electrical and Electronic Engineering
◦ CGPA: 3.71/4.00 (3.92 in senior year)
◦ Major: Communication and Signal Processing
◦ Thesis: Joint Pilot Assignment and Pilot Power Allocation for Cell-free Massive MIMO Communications
Dhaka, Bangladesh

EXPERIENCE

- Undergraduate Research Assistant** June 2023 - July 2024
Department of EEE, BUET
◦ Minimize channel estimation error in Cell-free Massive MIMO
Dhaka, Bangladesh
- Engineering Intern** November 2023
Bangladesh Betar (Radio)
◦ Hands-on experience in industrial broadcasting system
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** 2023 - 2024
Department of EEE, BUET
◦ Awarded for being top 10% of the class
- Dean's List award** 2023 - 2024
Department of EEE, BUET
◦ Awarded for having GPA > 3.75
- Government Board Scholarship (Talentpool)** 2010 - 2018

TEST SCORES

TOEFL iBT: 106 / 120 September 2024
Sectionwise: R-30, L-26, S-25, W-25

REFERENCES

- Dr. Md. Forkan Uddin**
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Relationship: Thesis Supervisor
- Dr. Mohammed Imamul Hassan Bhuiyan**
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Relationship: Academic Adviser