

Personal Resume



Name: ISLAM TAHARIMUL
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Educational Background

• Nanjing University of Information Science and Technology	Artificial Intelligence	PhD	2024.09-Present
• Nanjing University of Information Science and Technology	Artificial Intelligence	Master	2022.09-2024.07
• Nanjing University of Information Science and Technology	Electronic Information Engineering	Bachelor	2018.09-2022.07

Publications

• Adaptive Crossover Selection for Differential Evolution to Solve Global Optimization Problems	IEEE 12th International Conference on ICIP	(1 st Author)	ISLAM TAHARIMUL ...
• Enhancing Medication Adherence Using IoT Technology	European Journal of Electrical Engineering and Computer Science	(1 st Author)	ISLAM TAHARIMUL ...
• ModSHADE: An Enhanced Differential Evolution Algorithm with Ensemble Mutation, Dual-Bin Crossover, and Adaptive Parameter Control	Journal of Heuristics (Springer Nature)	(1 st Author)	ISLAM TAHARIMUL ...
• Zero-Shot short time fourier transform radar and communication signal classification	Springer - Discover Electronics	(Co-Author)	ISLAM TAHARIMUL ...
• Importance and Utilization of Technology in Agricultural Economics: Evaluating the challenges & prospect for Bangladesh	FORCE: Focus on Research in Contemporary Economics	(Co-Author)	ISLAM TAHARIMUL ...

Research Experience

• Nanjing University of Information Science and Technology	Research Assistant, School of AI	2023.02-Present
-- Researched evolutionary computation techniques (Differential Evolution, Particle Swarm Optimization, Genetic Programming) for continuous and discrete optimization problems		
-- Designed and implemented experiments to evaluate algorithm performance on benchmark functions and real-world problems		
-- Analyzed experimental results, tuned algorithm parameters, and contributed to paper writing and publication		
-- Collaborated on interdisciplinary AI and IoT projects with faculty and peers		

Awards & Honors

• Gold Medalist, Artificial Intelligence Global Innovation Competition (2023)	--	Shanghai Lingang Group, Fudan University
• Jiangsu Provincial Government Scholarship for Outstanding Students (2024)	--	Jiangsu Provincial People's Government
• Jiangsu Provincial Government Scholarship for Outstanding Students (2020)	--	Jiangsu Provincial People's Government
• 1 st runner-up, Debate Competition (2020)	--	College of International Education, NUIST

Professional Skills

- **Programming:** MATLAB, C++, Python
- **Cloud & Systems:** Linux, Shell Scripting, Docker, KVM, Cloud Virtualization
- **Research Tools:** LaTeX, Git
- **Research Areas:** Differential Evolution, Particle Swarm Optimization, Genetic Programming, Signal Processing

Work Experience

• ZStack – Alibaba Cloud Ecosystem	Technical Support Engineer (Cloud Virtualization)	2025.09-Present
-- Troubleshoot deployment and configuration issues for enterprise cloud computing products		
-- Diagnosed Linux system-level and networking problems in virtualized cloud environments		
-- Collaborated with R&D team to resolve system issues and propose optimization solutions		
-- Documented test results, solutions, and participated in cross-team knowledge sharing		
-- Addressed technical inquiries and supported client project advancement		

Additional Experiences

- President, Computer Electronics and Software Society (CESS)-- Coordinate, plan, and implement computer software and hardware training effectiveness across multiple teams.
- President, Domestic Affairs Department (DAD) -- Lead and manage student welfare activities, organize non-academic activities, and coordinate hostel related matters.
- Teachers Assistant (College of International Education)-- Grading, preparing materials, assisting students, and supporting teachers with administrative tasks.

Language Skills

- Native Language: Bengali
- Other Languages

	Understandings		Speaking		Writing
	Hearing	Reading	Spoken	Interaction	
English	C2	C2	C2	C2	C2
Chinese	B2	B1	B2	B2	B2
Hindi/Urdu	C1	A2	C1	C1	A1

*CEFR levels: A1-A2 = Basic, B1-B2 = Independent, C1-C2 = Proficient