

Farzad Mohammadi

[Website](#) | [Email](#) | [LinkedIn](#) | [GitHub](#)

Research Interests Performance Predictability for Distributed Systems
Microservice networking, scheduling, and load balancing
Metastable failures

Education	Ph.D. in Computer Science Department of Computing Imperial College London, UK Advisor: Marios Kogias (Large Scale Data & Systems Group)	Oct 2024–Present
	M.Sc. in Communication Networks Electrical and Computer Engineering Department University of Tehran, Iran Advisor: Vahid Shah-mansouri Thesis: Digital Twin-Assisted Network Orchestration in Multi-Cloud Networks (code , preprint paper) GPA: 19.47/20 (Ranked 1 st out of 32 students)	Sep 2021– Sep 2024
	B.Sc. in Electrical Engineering Electrical Engineering Department K. N. Toosi University of Technology, Iran GPA: 18.98/20 (Ranked 2 nd out of 126 students)	Sep 2017– Sep 2021
Experiences	Sina Communication System, Iran DevOps Intern Working on performance debugging and automated testing for microservices	Jul 2021– Jun 2022
	K. N. Toosi University of Technology, Iran Software Engineer Backend developer of web-based network planner software	Jul 2019–Jul 2021
Services	Teaching Assistant Operating Systems 2025 Computer Networks and Distributed Systems 2025 System Performance Engineering 2025 Networks and Communications 2022/2025 Engineering Electromagnetics 2019/2020 Artifact Evaluation Committee ATC'25	

Conference/Workshop Volunteer
VLDB'25, NTU-Imperial Beyond-Binary Hackathon'25

Awards	Full Doctoral Scholarship Award	2024-2028
	Accepted at Talented Student in M.Sc. Degree	2021
	Dean's List	2019, 2020, 2021

Skills	Programming
	C/C++, Go, Python, Java, Bash
	Languages
	English (Fluent), Persian (Native)