

Niloy Saha

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EDUCATION	<p>Indian Institute of Technology, Kharagpur, West Bengal, India</p> <ul style="list-style-type: none">▪ M.S. in Computer Science and Engineering 2016 – Present<ul style="list-style-type: none">• Thesis: Software-defined Flow-management in Internet of Things• Advisor: Prof. Sudip Misra <p>Institute of Engineering and Management, Kolkata, West Bengal, India</p> <ul style="list-style-type: none">▪ B.Tech. in Electronics and Communication Engineering 2011 – 2015<ul style="list-style-type: none">• Cumulative GPA: 9.07 / 10.00 <p>South Point School, Kolkata, West Bengal, India</p> <ul style="list-style-type: none">▪ Higher Secondary, Science 2009 – 2011<ul style="list-style-type: none">• Percentage: 86.28%▪ Secondary, General 2009<ul style="list-style-type: none">• Percentage: 86.11%
AREAS OF INTEREST	Software-Defined Networking, Internet of Things, Wireless Communications.
PUBLICATIONS	<p>JOURNALS</p> <p>[1] <u>N. Saha</u>, S. Bera and S. Misra, “Sway: Traffic-Aware QoS Routing in Software-Defined IoT,” <i>IEEE Transactions on Emerging Topics in Computing</i>, 2018. doi: 10.1109/TETC.2018.2847296.</p> <p>CONFERENCES</p> <p>[1] S. Bera, S. Misra, and <u>N. Saha</u>, “DynamiTE: Dynamic Traffic Engineering in Software-Defined Cyber Physical Systems,” in <i>Proc. of the IEEE ICC Workshop on Communication, Computing, and Networking in Cyber Physical Systems</i>, Kansas City, Kansas, USA, 2018 (Accepted).</p>
RESEARCH EXPERIENCE	<p>Indian Institute of Technology, Kharagpur, West Bengal, India</p> <ul style="list-style-type: none">▪ Junior Research Fellow Apr 2016 – Jun 2017<ul style="list-style-type: none">• Project: Cloud-assisted WBAN-based Ubiquitous Healthcare Management System and its Application in Telemedicine• Supervisor: Prof. Sudip Misra• Focus: Development of communication architecture, experimental verification and clinical trials
PROFESSIONAL AFFILIATIONS & ACTIVITIES	<p>Institute of Electrical and Electronics Engineers</p> <ul style="list-style-type: none">▪ Graduate Student Member 2016 – Present▪ Student Activity Committee, IIT Kharagpur Student Branch 2017 – Present <p>Reviewer, Peer-Review Journals</p> <ul style="list-style-type: none">▪ Int. J. of Communication Networks and Distributed Systems (Inderscience)▪ Int. J. of Communication Systems (Wiley)
TEACHING EXPERIENCE	<p>Teaching Assistant, IIT Kharagpur 2016 – Present</p> <ul style="list-style-type: none">▪ Teaching assistant for Programming and Data Structures Lab (CS19001)▪ Instructed undergraduate students by leading discussions, fielding questions, and grading lab assignments.
SKILLS	L ^A T _E X, MATLAB, NS-3, Mininet, POX/ONOS SDN Controllers, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio, C++, Java, Python.

EXTRA CURRICULARS	Completed certified course on Fine Arts & Painting for four years.
LANGUAGES	<ul style="list-style-type: none"> ▪ Bengali: Native language. ▪ English: Fluent (speaking, reading, writing).
INTERESTS	Photography, reading, badminton.
REFERENCES	<ul style="list-style-type: none"> ▪ Dr. Sudip Misra Professor Department of Computer Science & Engineering Indian Institute of Technology Kharagpur-721302, West Bengal, India smisra@sit.iitkgp.ernet.in • +91-3222-282338 ▪ Dr. Soumen Moulik Assistant Professor Department of Electronics & Communication National Institute of Technology, Meghalaya Shillong, Meghalaya-793003, India mouliksoumen@gmail.com • +919836874418