

Finance Intern	DoMS Interface Committee Member	Convener of Enigma Club	Performing Art Practitioner
ACADEMIC QUALIFICATIONS			
Year	Degree	Institute	Percentage
Pursuing	Master of Business Administration	Department of Management Studies, IIT Madras	9.30
2022	Bachelor of Technology (Computer Science & Technology)	Indian Institute of Engineering Science and Technology, Shibpur (W.B.)	93.30%
2018	Class XII (ISC), CISCE	Sunrise (English Medium) School, Belurmah, Howrah (W.B.)	95.00%
2016	Class X (ICSE), CISCE	Sunrise (English Medium) School, Belurmah, Howrah (W.B.)	92.86%
INTERNSHIPS			
May '23 – Jul '23		Management Trainee Intern, ICICI Bank, ICICI Bank Towers, BKC Mumbai	
Responsibilities	<ul style="list-style-type: none"> Used Competition Analysis to identify revenue earning opportunities in current account schedule of charges. Identified new opportunities in charges which would lead to a 2% increase in revenue from services. Identified opportunities in existing charges which would lead to a 13% increase in revenue from services. Conducted a telephonic survey on relationship managers pan India for a new program of the company. Identified Unique Selling Point of the program and key difficulties limiting uptake of the program. 		
Jul '21 - Aug '21		Research Intern, Indian Institute of Engineering Science and Technology, Shibpur	
Responsibilities	<ul style="list-style-type: none"> Guide: Dr Nirnay Ghosh. Implemented cryptographic operations on data using standard cryptographic algorithms (ECC and XChaCha20-Poly1305) for, the IBM Hyperledger technology based, IoT system. Implemented a prototype client-server stack for the system. 		
May '20 - Aug '20		Research Intern, Indian Institute of Engineering Science and Technology, Shibpur	
Responsibilities	<ul style="list-style-type: none"> Guide: Sir Biplab Kumar Sikdar . Hardware Trojan Design and Implementation in Verilog. Developed HaTch Trojan Detection Tool as in Haider. et al. "Advancing the State-of-the-Art in Hardware Trojans Detection", demonstrated the inefficiency of the same and provided suggestions to improve it. 		
POSITIONS OF RESPONSIBILITY			
Current	Convener, The Enigma (Analytics) Club, Department of Management Studies, IIT Madras		
	<ul style="list-style-type: none"> Help students to nurture knowledge in Analytics and apply them in real life. 		
Current	Committee Member, DoMS Interface Committee, Department of Management Studies, IIT Madras		
	<ul style="list-style-type: none"> Coordinate amongst students, faculty and external world. Regularly operate the social media handles of the department. Was part of the Kolkata and Chennai admission team for the batch of 2023-25 as a student coordinator. 		
2022-23	Coordinator, B-Event sub-vertical, Events & Workshops vertical, Shaastra 2023, the annual tech fest of IIT Madras		
	<ul style="list-style-type: none"> Planned and executed Launcher – The Marketing Event for Shaastra 2023 (53% yoy increase in registration). 		
2022	Organizer, 4th International Conference on Computational Intelligence in Pattern Recognition (CIPR 2022)		
	<ul style="list-style-type: none"> Organised the cultural programme which was broadcasted on 23rd April 2022. 		
2019-20	Member, Departmental Undergraduate Committee, Student's Senate, IEST Shibpur		
	<ul style="list-style-type: none"> Participated in considerations regarding promotion of candidates. 		
RESEARCH CONTRIBUTION			
2021	A trojan framework in AES core to evade state-of-the-art HT detection schemes (DOI Link)		
	<ul style="list-style-type: none"> Microelectronics Journal, Volume 111. Topic: Inefficiency of HaTch algorithm and proposed modification to the same. 		
2020	Evaluation of Face Recognition Schemes for Low-computation IoT System Design (DOI Link)		
	<ul style="list-style-type: none"> 24th International Symposium on VLSI Design and Test (VDAT 2020). Topic: Performance of classical face-recognition algorithms in a low-powered Raspberry Pi framework. 		
PROJECTS			
2021-22	Design and Implementation of a Post-Examination Data Processing ERP System (UG Final Year Project)		
	<ul style="list-style-type: none"> Users: Students, examiners, course administrators and examination department of educational institutions. Use: Processing, preparation, and publishing of results of examinations and preserving them for future reference. 		
VOLUNTEERING WORK (EXTRA CURRICULAR CO-CURRICULAR) ACHIEVEMENTS			
2022	Volunteer Publicity Team Samanvay 2022 Responsible for spreading the news about Samanvay far and wide.		
2021	Top 100 team HACK CHALLENGE 21 AI-Assisted Farming for Crop Recommendation & Farm Yield Prediction Application.		
2021	ANKAN RATNA IN PAINTING By Bangiya Sangeet Parishad Completed 7 out of 9 years of Diploma Course.		
2016	SANGEET BIVAKAR IN TABLA BADYA By Bangiya Sangeet Parishad Completed 5 out of 9 years of Diploma Course.		
CERTIFICATIONS			
2021	IBM ACADEMIC INITIATIVE Getting Started with Enterprise-Grade AI; Getting Started with Enterprise Data Science; & Getting Started with Cloud for the Enterprise Foundational Level		
SKILLS	Communication People and Time Management IBM SPSS MS Excel Financial Modelling Data Analysis Programming		