ANINDITA KUNDU

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EDUCATION

B.Sc. in Computer Science and Engineering   March, 2019
Military Institute of Science and Technology, Dhaka (CGPA: 3.89/4.00, Position: 3/130)

Higher Secondary Certificate (HSC)   August, 2014
Holy Cross College, Dhaka (GPA: 5.00/5)

Secondary School Certificate (SSC)   May, 2012
Holy Cross Girls' High School, Dhaka (GPA: 5.00/5)

PROFESSIONAL EXPERIENCES

Lecturer, Department of Computer Science and Engineering   August, 2019 - Present
Military Institute of Science and Technology (MIST), Dhaka-1216

Software Engineer, Enosis Solutions, Dhaka-1212   January-July, 2019

Software Engineer Intern, Robi Axiata Limited, Dhaka-1212   November-December, 2017

NOTABLE ACHIEVEMENTS

- **1st runner-up** in Project Showcasing on *4th International Conference on Electrical Engineering and Information & Communication Technology (iCEEicT - 2018)*

- **MIST Commandant's List of Honour** for academic session 2015-2016

- **MIST Dean's List of Honour** for the academic sessions 2016-2017 & 2017-2018

- **University Merit Scholarship** for three times from Military Institute of Science and Technology

- **Secondary School Certificate Scholarship-2012** from Dhaka Education Board

- **Best Female Coder-2016** awarded by MIST Computer Club

ACADEMIC PROJECTS

- **Orphanage Management System:** A web-based orphanage management system.
  Tools used: CSS, HTML, JavaScript, PHP, Oracle

- **Home Food Cart:** A mobile application for home-made food delivery marketplace.
  Tools used: Android Studio, Firebase database

- **MIST Meeting Management System:** Web application for MIST to manage meeting in online.
  Tools used: CSS, HTML, JavaScript, PHP, MySql

- **Girls overthink and Boys never think:** An animation video showing the reactions of girls vs boys during result publication.
  Tools used: Blender

- **Automated Railway Maintenance System:** Hardware interfacing project for Bangladesh Railway.

TECHNICAL SKILL

- **Languages:** Java, C++, C, C#, JavaScript, Python, HTML, CSS, Bootstrap, PHP
- **Technologies:** Android Development, Web Development, Arduino, Git
- **Database:** Oracle, Oracle PL/SQL, Firebase, MySql, MS SQL Server
- **Framework:** ASP.NET Core, ASP.NET Web, Angular.js, Node.js, Entity framework

TEACHING EXPERIENCE

Fall-2019	**CSE-414**	Computer Graphics Sessional
	CSE-224	Advanced Programming Language Sessional
	CSE-214	Numerical Methods Sessional
	CSE-212	Digital Electronics and Pulse Technique Sessional
Spring-2020	**CSE-291**	Computer Programming
	CSE-292	Computer Programming Sessional
	CSE-282	Computer Programming Sessional
	EWCE-204	Object Oriented Programming Sessional
	CSE-318	Data Communication Sessional
Fall-2020	**CSE-454**	Data Ware-housing and Data mining Sessional
	CSE-214	Numerical Methods Sessional
	CSE-216	Data Structure and Algorithm Sessional
	CSE-272	Computer Programming Sessional

EXTRA CURRICULAR ACTIVITIES

- Organizing Member, National Collegiate Programming Contest (NCPC), February 2020
- Mentor, MIST Computer Club, Military Institute of Science and Technology, 2017-2018
- Participated in Poster Competition on Chemical Weapons Convention for the Peaceful Uses of Chemistry by Bangladesh National Authority for Chemical Weapons Convention, October 2017
- Participated in National Girls' Programming Contest (NGPC), 2017-2018
- Volunteer, Ankur, MIST Literature and Cultural Club, July 2017

RESEARCH & PUBLICATIONS

Undergraduate Thesis:

Title: Alignment-free Phylogenetic Tree Estimation.

Supervisor: Dr. Md. Mahbubur Rahman & Dr. Md. Shamsuzzoha Bayzid.

Conference Publications:

1 **Aninidta kundu**, R. T. Usha, N. K. Samia and M. M. Rahman, "Alignment-free Phylogenetic Tree Estimation," in the proceedings of *Innovations in Power and Advanced Computing Technologies (i-PACT)*, Vellore, India, 2019, pp. 1-6. doi: 10.1109/i-PACT44901.2019.8960160

2 N. K. Samia, R. T. Usha, **Anindita Kundu**, S. Nowshin, S. S. Sharmee, S. N. Tumpa, Md F. Rabbi, Md M. Karim, "Automated Railway Maintenance System in Context of Bangladesh," in the proceedings of *International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT),* Dhaka, Bangladesh, 2019, pp. 1-5. doi: 10.1109/ICASERT.2019.8934529