

# ANINDITA KUNDU

🌐 [anindita-ampi.github.io](https://anindita-ampi.github.io)    ✉ [anindita@cse.mist.ac.bd](mailto:anindita@cse.mist.ac.bd)

## EDUCATION

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- 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

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- 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

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- **1<sup>st</sup> runner-up** in Project Showcasing on *4<sup>th</sup> 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

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- **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

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- **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

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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

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- 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

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### Undergraduate Thesis:

*Title:* Alignment-free Phylogenetic Tree Estimation.

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

### Conference Publications:

- 1 **Anindita 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