Anindita Kundu
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Bio

Lecturer CSE Department, my research interest focuses on Artificial Intelligence, Data Analysis, Bioinformatics and Computation Biology, Machine Learning

Academic Appointments

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

Professional Experience

- **Enosis Solutions** Software Engineer January 2019 - July 2019 (7 months)
- **Robi Axiata Limited** Software Engineering Intern November 2017 - December 2017 (1 month)

Honors & Awards

Academic Awards & Scholarships

- Received 1st Runner Up position on project showcasing in 4th International Conference on Electrical Engineering and information & Communication Technology (iCEEicT-2018)
- Achieved **Best Female Coder** (2016) award from MIST Computer Club
- **MIST Commandant's List of honour – 2016:** Academic Session 2015-2016
- **MIST Dean's List of honour – 2017, 2018:** Academic Session 2016-2017 and 2017-2018
- Received **University Merit Scholarship three times** for maintaining good resultat Military Institute of Science and Technology (MIST)
- Received **Dhaka Board Scholarship** for the good result of SSC examination
- Solved over **500** problems in different online judges like: UVA, Codeforces and participated in many competitive programming competitions

Academic Qualification

- Bachelor of Science in Computer Science and Engineering, Military Institute of Science and Technology (MIST), Dhaka, Bangladesh
  December 2018 – Completed, **CGPA** – 3.89/4.00 (3rd in class rank)
- Higher Secondary School Certificate (HSC), Holy Cross College, Dhaka, Bangladesh (2014)
- Secondary School Certificate (SSC), Holy Cross Girls' High School, Dhaka, Bangladesh (2012)

Technical Skills

- **Languages**: Java, C++, C, JavaScript, Shell script, HTML, CSS, Bootstrap, PHP
- **Technologies**: Android development, Web development, GitHub
- **Database**: Oracle, Firebase, MySql, MS SQL Server
- **IDE**: Netbeans, Codeblocks, Android Studio, emu8086, Arduino, Matlab, MS Visual Studio
- **Framework**: ASP.NET core, ASP.NET web, Angular.js, Node.js, Entity framework
- **Communication Skill**: Written and oral skills in bothBengali and English
- **Typesetting Software**: ShareLaTeX (Overleaf v2)
- **Word Processing and Presentation**: Microsoft Word, Microsoft excel, Microsoft Powerpoint
- **Operating Systems**: Windows, Linux

Teaching

CSE 414 Computer Graphics Sessional
CSE 224 Advanced Programming Language Sessional
CSE 214 Numerical Methods Sessional
CSE 212 Digital Electronics and Pulse Technique Sessional

Project

Academic Projects:

- **Orphanage Management System**: Developed orphanage management system web application
  Tool's used: Front-end: PHP Back-end: Oracle
- **Home Food Cart**: Mobile application to order home-made foods from nearby cooks
  Tool's used: Android Studio, Firebase database
- **MIST Meeting Management System**: Web application for MIST to manage meeting online
  Tool's used: Front-end: PHP Back-end: Oracle
- **Girls overthink and Boys never think**: An animation video showing the reactions of girls vs boys during publishing result
  Tool's used: Blender
- **Automated Railway Maintenance System**: Interfacing hardware related project in context of Bangladesh railway

Undergraduate Thesis: Alignment-free Phylogenetic Tree Estimation
Supervisor:
- Dr. Md. Shamsuzzoha Bayzid, Assistant Professor, Department of Computer Science and Engineering (CSE), Bangladesh University of Engineering and Technology (BUET)
- Dr. Md. Mahbubur Rahman, Professor, Department of Computer Science and Engineering(CSE), Military Institute of Science and Technology (MIST)

Notable Publications

Conference Proceedings

- **Aninidta kundu,** Rifah Tamanna Usha, Nusrat Kabir Samia, Dr. Md. Mahbubur Rahman, Alignment-free Phylogenetic Tree Estimation**,** proceedings of the 2nd International Conference on Innovations in Power and Advanced Computing Technologies (i-PACT), 2019, IEEE, Bangladesh.

- Nusrat Kabir Samia, Rifah Tamanna Usha, **Anindita Kundu**, Sadia Nowshin, Sharmin Sultana Sharmee,Sanjida Nasreen Tumpa, Major Md Fazle Rabbi, Col Md Mahboob Karim, Automated Railway Maintenance System in Context of Bangladesh, proceedings of the 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT-2019), IEEE, Bangladesh.