

Contact Information	16/16, Sector 4 Uttara, Dhaka-1230 (+880) 1705 - 322536 aurosikder@gmail.com
Education	BSc in Computer Science and Engineering Bangladesh University of Engineering and Technology Dhaka, Bangladesh CGPA 3.7 HSC Notre Dame College Dhaka, Bangladesh GPA 5 SSC Jashore Zilla School Jashore, Bangladesh GPA 5
Work Experience	Lecturer, Dept. of CSE Presidency University May 2025 - current
Thesis	A Study on Two Graph Problems - Upward Pointset Embeddability Testing and Minimum Consistent Subset Proved the NP-Completeness of UPSE Testing on Maximum Outerplanar Graph - previously proved for st graph Formed a $O(n^2)$ algorithm to find the MCS of a cycle graph - previously had polynomial algorithms for acyclic graphs Supervised by Dr. Md. Saidur Rahman
Projects (selected)	FundMan A fund management web based system for decentralized EVM based crypto wallets with a variety of features such as analytics, lending, management, forums. Powered by NodeJS Github Cryptodiction A machine learning price prediction model for Bitcoin on the daily timeframe using Performer with BiLSTM and GARCH Github

Runners

A physics based platformer game developed using PyGame
[Github](#)

RC on Action

A WiFi controlled remote control car with streaming capabilities
made possible with Raspberry Pi 2 and Python
[Github](#) - [YouTube](#)

Problem Solving

Expert
Codeforces
Max Rating 1620
[277LB3](#)

Awards (selected)

Math Olympiad
2011 - National Silver
2014 - National Gold
2016 - National Silver
*7 Regional Medals

Inter University Programming Contest

2022 - BUET IUPC 3rd
2022 – SUST IUPC 7th
2023 - AUST IUPC 8th
*Several other awards

Extras

General Secretary
Trivuj Math Club
Jashore, Bangladesh

Social

Arko Sikder
Github - [Profile](#)

Arko Sikder
LinkedIn - [Profile](#)