Anna Fariha

Kahlert School of Computing, University of Utah

♀ Warnock Engineering Building, #2851

72 Central Campus Drive, Salt Lake City, UT, 84112

Research Interests

My research focuses on three key aspects of data system democratization: *enhancing usability* of data systems for both non-experts and experts, *providing explanation frameworks* to enable understanding of system behavior, and *achieving trust and fairness* in data-driven machine learning.

- Data systems usability: query by example, data summarization, discovery, wrangling, evolution.
- Metadata management and its applications: data constraints, data drift, data cleaning.
- Systems for machine learning and AI: Large language models for data management, trusted machine learning, fair machine learning, explainable AI, personalized text summarization.
- Causal reasoning and explanation frameworks: software debugging, automatic program repair, data debugging, explaining data non-conformance, causal insights.

Education

Doctor of Philosophy in Computer Science

2021

Manning College of Information and Computer Sciences

University of Massachusetts, Amherst, MA

- Dissertation: Enhancing Usability and Explainability of Data Systems
- Advisor: Alexandra Meliou
- Committee members: Emery Berger, Peter Haas, Suman Nath
- CGPA: 4.00 out of 4.00

Master of Science in Computer Science

2020

Manning College of Information and Computer Sciences

University of Massachusetts, Amherst, MA

- CGPA: 4.00 out of 4.00

Master of Science in Computer Science and Engineering

2011

Department of Computer Science and Engineering

University of Dhaka, Bangladesh

- Thesis: A New Approach for Frequent Human Interaction Pattern Mining in Meeting Databases
- Advisor: Suraiya Pervin
- CGPA: 4.00 out of 4.00

Bachelor of Science in Computer Science and Engineering

2010

Department of Computer Science and Engineering

University of Dhaka, Bangladesh

- Thesis: An Algorithm for Graph Mining using Efficient Graph Indexing for Evolving Database
- Advisor: Chowdhury Farhan Ahmed
- CGPA: 3.83 out of 4.00

Employment History

University of Utah

7/2023 - present

Assistant Professor

Salt Lake City, UT, USA

Kahlert School of Computing

6/2021 - 5/2023

Microsoft Researcher

Redmond, WA, USA

PROSE research and engineering team for AI-assisted programming

Managers: Gustavo Soares, Sumit Gulwani

Microsoft 5/2019 – 11/2019

Research Intern

Bellevue, WA, USA

PROSE research and engineering team for AI-assisted programming

Mentor: Ashish Tiwari

Project: Conformance constraints and trusted machine learning

Microsoft Research 5/2018 – 8/2018

Research Intern Redmond, WA, USA

Data Management, Exploration and Mining (DMX)

Mentor: Suman Nath

Project: Adaptive interventional debugging for finding root causes of nondeterministic software bugs

University of Massachusetts 9/2016 – 5/2021

Research Assistant Amherst, MA, USA

Data Systems Research for Exploration, Analytics, and Modeling (DREAM) Lab

Manning College of Information and Computer Sciences

Supervisor: Alexandra Meliou

Lalmatia Women's College 1/2015 – 4/2015

Guest Lecturer Dhaka, Bangladesh

Department of Business Administration

University of Dhaka 5/2014 – 8/2016

Lecturer Dhaka, Bangladesh

Department of Computer Science and Engineering

United International University 5/2012 – 4/2014

Lecturer Dhaka, Bangladesh

Department of Computer Science and Engineering

University of Liberal Arts 10/2011 – 1/2012

Competitive Programming Trainer Dhaka, Bangladesh

Coach for competitive programming in preparation for ACM ICPC Programming Contests

Structured Data Systems Limited 9/2011 – 5/2012

Software Engineer Dhaka, Bangladesh

Android and Blackberry mobile applications

University of Asia Pacific 10/2010 – 10/2010

Competitive Programming Trainer Dhaka, Bangladesh

Coach for competitive programming in preparation for ACM ICPC Programming Contests

Honors, Awards, & Achievements

SIGMOD Distinguished PC member	2024
SIGMOD Distinguished PC member	2023
SIGMOD Distinguished PC member	2022
SIGMOD Comprehensive Reproducibility Award	2022
VLDB Best Demonstration Runner-up Award	2020
Jim Gray Scholarship, CICS, UMass Amherst	2016
Special Achievement Award: Bangladesh ICT Journalist Forum	2012
Special Achievement Award: Bangladesh Bangladesh Women in IT	2012
University Scholarship for result in Bachelors of Science, U of Dhaka	2012
Special Achievement Award for outstanding performances in programming contests, U of Dhaka	2011
Dean's Honor Award (top 1%), Faculty of Engineering, U of Dhaka	2011
Dean's Award, Faculty of Engineering, U of Dhaka	2010
Fatema-Iqbal Trust Scholarship, U of Dhaka	2008

Travel and Accommodation Scholarships

Invited Participant, CRA Career Mentoring Workshop, Washington, DC	2024
Invited Participant with Accommodation Support, Logic and Algebra for Query Evaluation	2023
 Simons Institute for the Theory of Computing, Berkeley, California 	
Invited Participant with Travel & Accommodation Support, CRA-WP Career Mentoring Workshop	2023
- Chicago, Illinois	
CRA-W Grad Cohort Workshop Travel and Accommodation Award, Washington DC	2017
Programming Contests	
Rank 5, ACM International Collegiate Programming Contest, Dhaka (Team: DU Resonance)	2011
Rank 1, Islamic University of Technology ICT Fest Programming Contest (Team: DU Resonance)	2011
Rank 1, Dhaka University National Collegiate Programming Contest (Team: DU Resonance)	2011
Rank 1, Dhaka University National Collegiate Programming Contest [Women] (Team: DU Felicity)	2011
Rank 2, SUST National Collegiate Programming Contest (Team: DU Resonance)	2010
Rank 6, ACM International Collegiate Programming Contest, Amritapuri (Team: DU Resonance)	2010
Rank 4, ACM International Collegiate Programming Contest, Dhaka (Team: DU Resonance)	2010
Rank 3, ACM International Collegiate Programming Contest, Dhaka (Team: DU Ouranos)	2009
Rank 515, Google Code Jam, (Individual, id: chorui12)	2009
Rank 4, AUST National Collegiate Programming Contest (Team: DU Resonance)	2009

Grants

- 1. **One Utah Data Science Hub Seed Grant Award:** Explaining Data Evolution [PI]. Total award amount: \$50,000. Award duration: Mar 2024–Feb 2025.
- 2. **CIRC: ENS/Grand. NSF CNS 2346555:** *POWDER-ENS Enhancing and Sustaining the POWDER Platform* [Co-PI, PI: Jacobus Van Der Merwe, other co-PIs: Aditya Bhaskara, Eric Eide]. Total award amount: \$4,999,980. Award duration: Oct 2024—Sep 2028.
- 3. CRA-WP Distributed Research Experiences for Undergraduates (DREU): Summer support for two students. Total award amount: \$14,000. Award duration: Summer 2024.
- 4. **USHE: Computer Science Targeted Workforce Application:** *Training the Next Generation of Database Engineers: Responsible, User-Centric, and Efficient Data Management* [led by Jeff Phillips]. Teaching grant for developing a new course: *Human-centered Data Management*. Academic year: 2023–2024.
- 5. Microsoft Research Dissertation Grant. Total award amount: \$25,000. Academic year 2020–2021.

Publications

Journal and Conference Publications

- [1] Zifan Liu, Shaleen Deep, Anna Fariha, Fotis Psallidas, Ashish Tiwari, and Avrilia Floratou. Rapidash: Efficient Detection of Constraint Violations. *Proc. VLDB Endow.*, 17(8):2009–2021, 2024
- [2] Anjali Singh, Anna Fariha, Christopher Brooks, Gustavo Soares, Austin Z. Henley, Ashish Tiwari, Chethan M, Heeryung Choi, and Sumit Gulwani. Investigating Student Mistakes in Introductory Data Science Programming. In *SIGCSE*, pages 1258–1264. ACM, 2024
- [3] Rohan Bavishi, Harshit Joshi, José Cambronero, Anna Fariha, Sumit Gulwani, Vu Le, Ivan Radicek, and Ashish Tiwari. Neurosymbolic Repair for Low-code Formula Languages. *Proc. ACM Program. Lang.*, 6(OOPSLA2):1093–1122, 2022
- [4] Sainyam Galhotra, Anna Fariha, Raoni Lourenço, Juliana Freire, Alexandra Meliou, and Divesh Srivastava. DataPrism: Exposing Disconnect between Data and Systems. In *SIGMOD*, pages 217–231. ACM, 2022
- [5] Maliha Tashfia Islam, Anna Fariha, Alexandra Meliou, and Babak Salimi. Through the Data Management Lens: Experimental Analysis and Evaluation of Fair Classification. In *SIGMOD*, pages 232–246. ACM, 2022

- [6] Anna Fariha, Ashish Tiwari, Arjun Radhakrishna, Sumit Gulwani, and Alexandra Meliou. Conformance Constraint Discovery: Measuring Trust in Data-Driven Systems. In SIGMOD, pages 499–512. ACM, 2021 (Comprehensive Reproducibility Award)
- [7] Anna Fariha, Suman Nath, and Alexandra Meliou. Causality-Guided Adaptive Interventional Debugging. In *SIGMOD*, pages 431–446. ACM, 2020
- [8] Anna Fariha and Alexandra Meliou. Example-Driven Query Intent Discovery: Abductive Reasoning using Semantic Similarity. *Proc. VLDB Endow.*, 12(11):1262–1275, 2019
- [9] Anna Fariha, Chowdhury Farhan Ahmed, Carson K. Leung, Md. Samiullah, Suraiya Pervin, and Longbing Cao. A New Framework for Mining Frequent Interaction Patterns from Meeting Databases. *Eng. Appl. Artif. Intell.*, 45:103– 118, 2015
- [10] Amit Mandal, Mehedi Hasan, Anna Fariha, and Chowdhury Farhan Ahmed. GSCS Graph Stream Classification with Side Information. In *APWeb*, pages 389–400, 2015
- [11] Md. Samiullah, Chowdhury Farhan Ahmed, Anna Fariha, Md. Rafiqul Islam, and Nicolas Lachiche. Mining frequent correlated graphs with a new measure. *Expert Syst. Appl.*, 41(4):1847–1863, 2014
- [12] Shafaet Ashraf, Sheikh Muhammad Sarwar, Md. Abeed Hassan, Saifuddin Md. Tareeq, and Anna Fariha. An Efficient Method for Extracting Subtrees against Forest Query. In *IMCOM*, pages 98:1–98:7. ACM, 2015
- [13] Anna Fariha, Chowdhury Farhan Ahmed, Carson Kai-Sang Leung, S. M. Abdullah, and Longbing Cao. Mining Frequent Patterns from Human Interactions in Meetings Using Directed Acyclic Graphs. In *PAKDD*, pages 38–49, 2013
- [14] Md. Samiullah, Chowdhury Farhan Ahmed, Manziba Akanda Nishi, Anna Fariha, S. M. Abdullah, and Md. Rafiqul Islam. Correlation Mining in Graph Databases with a New Measure. In *APWeb*, pages 88–95, 2013
- [15] Shariful Islam, Anna Fariha, Chowdhury Farhan Ahmed, and Byeong-Soo Jeong. EGDIM: Evolving Graph Database Indexing Method. In *ICUIMC*, pages 56:1–56:10, 2012

Short, Demonstration, and Workshop Papers

- [16] Shiyi He, Alexandra Meliou, and Anna Fariha. ChARLES: Change-Aware Recovery of Latent Evolution Semantics in Relational Data. *SIGMOD*, 2025
- [17] Ankita Sharma, Jaykumar Tandel, Xuanmao Li, Lanjun Wang, Anna Fariha, Liang Zhang, Syed Arsalan Ahmed Naqvi, Irbaz Bin Riaz, Lei Cao, and Jia Zou. DataMorpher: Automatic Data Transformation based on Large Language Models. *ICDE*, 2025
- [18] Whanhee Cho and Anna Fariha. UTOPIA: Automatic Pivot Table Assistant. Proc. VLDB Endow., 2024
- [19] Bhavya Chopra, Anna Fariha, Sumit Gulwani, Austin Z. Henley, Daniel Perelman, Mohammad Raza, Sherry Shi, Danny Simmons, and Ashish Tiwari. CoWrangler: Recommender System for Data-Wrangling Scripts. In SIGMOD. ACM, 2023
- [20] El Kindi Rezig, Anshul Bhandari, Anna Fariha, Benjamin Price, Allan Vanterpool, Andrew Bowne, Lindsey McEvoy, and Vijay Gadepally. Examples are All You Need: Iterative Data Discovery by Example in Data Lakes. In *CIDR*, 2022
- [21] El Kindi Rezig, Anshul Bhandari, Anna Fariha, Benjamin Price, Allan Vanterpool, Vijay Gadepally, and Michael Stonebraker. DICE: Data Discovery by Example. *Proc. VLDB Endow.*, 14(12):2819–2822, 2021
- [22] Nishant Yadav, Matteo Brucato, Anna Fariha, Oscar Youngquist, Julian Killingback, Alexandra Meliou, and Peter Haas. SUBSUME: A dataset for subjective summary extraction from Wikipedia documents. In *New Frontiers in Summarization@EMNLP*, pages 131–141, 2021
- [23] Anna Fariha, Ashish Tiwari, Alexandra Meliou, Arjun Radhakrishna, and Sumit Gulwani. CoCo: Interactive Exploration of Conformance Constraints for Data Understanding and Data Cleaning. In SIGMOD, pages 2706–2710. ACM, 2021

- [24] Anna Fariha, Ashish Tiwari, Arjun Radhakrishna, and Sumit Gulwani. ExTuNe: Explaining Tuple Non-conformance. In *SIGMOD*, pages 2741–2744. ACM, 2020
- [25] Anna Fariha, Matteo Brucato, Peter J. Haas, and Alexandra Meliou. SuDocu: Summarizing Documents by Example. *Proc. VLDB Endow.*, 13(12):2861–2864, 2020 (Best Demonstration Runner Up Award)
- [26] Anna Fariha, Sheikh Muhammad Sarwar, and Alexandra Meliou. SQuID: Semantic Similarity-Aware Query Intent Discovery. In *SIGMOD*, pages 1745–1748. ACM, 2018
- [27] Quazi Marufur Rahman, Anna Fariha, Amit Mandal, Chowdhury Farhan Ahmed, and Carson K. Leung. A Sliding Window-Based Algorithm for Detecting Leaders from Social Network Action Streams. In *IEEE/WIC/ACM WI-IAT*, pages 133–136, 2015

PhD Thesis

[28] Anna Fariha. *Enhancing Usability and Explainability of Data Systems*. PhD thesis, University of Massachusetts Amherst. https://scholarworks.umass.edu/dissertations_2/2311/

Software and Educational Content

- UTOPIA: Automatic Pivot Table Assistant. Link
- SQuID: Semantic similarity-aware Query Intent Discovery. Link
- Conformance Constraints Discovery: Measuring Trust in Data-Driven Systems (Winner of the ACM SIGMOD 2022 Most Reproducible Paper Award). Link
- SubSumE Dataset for Subjective Document Summarization. Link
- A Data Management Perspective on Fair Classification: An Experimental Analysis and Evaluation. Link
- Educational video on "Research in Computer Science (Databases/Data Management Track)". Link

Panels and Invited Talks

• Reviewer – Israel Science Foundation	March, 2025
• Panelist – Northwest Database Society Annual Meeting: Panel on AI and Data Management	February, 2024
 Panelist – NSF Information and Intelligent Systems division (IIS) 	2023
• Panelist – NSF's CSGrad4US Panel: "What I wish I knew before I started graduate school"	October, 2023
 Panelist – SIGMOD New Researcher Symposium 	June, 2022
 Round Table Chair – VLDB: Interactive Querying and Visualization for Large Data 	August, 2021
Explaining Data Evolution	
 DELPHI Data Science Symposium, University of Utah 	November, 2024
 Recent Trends in Scalable and Human-centric Data Systems 	
 Research Challenges in Computing Seminar Series, University of Utah 	October, 2023
• Through the Data Management Lens: Experimental Analysis and Evaluation of Fair Classificat	rion
- Bias, Ethics and Trustworthiness in Data Science and AI event, University of Utah	September, 2023
• Blame the data, not the system: how data constraints can help in trustworthy machine learning	and explain causes of
data-system malfunction	
 Data Science Lecture Series, University of Utah 	September, 2023
 University of Washington, Northwest Database Society 	November, 2021
• Blame the data, not the system: How data profiles can help explain causes of data-system malfu	ınction
 Northwest Database Society (NWDS) Annual Meeting 	May, 2023
 Enhancing usability and explainability of data systems 	
 Database Seminar, University of California San Diego (virtual) 	April, 2023
 Cornell University 	April, 2022
 Georgia University of Technology 	April, 2022
 University of California, Santa Barbara 	March, 2022
 University of Minnesota (virtual) 	March, 2022
 University of Waterloo (virtual) 	March, 2022
 University of Utah 	February, 2022
 University of Toronto (virtual) 	February, 2022

- Pennsylvania State University (virtual)	February, 2022
- EPIC meeting, University of California, Berkeley (virtual)	February, 2022
- Ohio State University (virtual)	January, 2022
 CSAIL, Massachusetts Institute of Technology (virtual) 	October, 2021
- Microsoft (virtual)	January, 2021
- Megagon Labs (virtual)	February, 2021
- University of Pennsylvania (virtual)	February, 2021
 DATA Lab, Northeastern University (virtual) 	January, 2021

Teaching

• University of Utah

- CS 6530 - Advanced Database Systems (graduate)	Fall 2025
- CS 6959/3960 - Human-Centered Data Management (graduate + undergraduate)	Spring 2025
- CS 5353/6353 - Deep Learning (graduate + undergraduate)	Fall 2024
- CS 6959/3960 - Human-Centered Data Management (graduate + undergraduate)	Spring 2024
- CS 5353/6353 - Deep Learning (graduate + undergraduate)	Fall 2023

• University of Dhaka, Bangladesh

- CSE 1201 - Fundamentals of Programming (undergraduate)	Spring 2014
 CSE 1211 - Fundamentals of Programming Lab (undergraduate) 	Spring 2014
 CSE 1102 - Discrete Mathematics (undergraduate) 	Fall 2014
 CSE 2101 - Data Structures and Algorithms (undergraduate) 	Spring 2015
 CSE 2111 - Data Structures and Algorithms Lab (undergraduate) 	Spring 2015
 CSE 3113 - Microprocessor and Assembly Language Lab (undergraduate) 	Fall 2015
 CSE 1111 - Fundamentals of Computer and Computing Lab (undergraduate) 	Fall 2015
 CSE 2112 - Object Oriented Programming Lab (undergraduate) 	Spring 2016
 CSE 2212 - Design and Analysis of Algorithms Lab (undergraduate) 	Spring 2016
 CSE 4111 - Artificial Intelligence Lab (undergraduate) 	Spring 2016

• United International University, Bangladesh

- CSI 219 Discrete Mathematics (undergraduate)
- CSI 121 Structured Programming Language (undergraduate)
- CSI 122 Structured Programming Language Laboratory (undergraduate)
- CSI 228 Algorithms Laboratory (undergraduate)
- CSI 233 Theory of Computing (undergraduate)
- CSI 341 Artificial Intelligence (undergraduate)
- CSI 342 Artificial Intelligence Laboratory (undergraduate)

Student Supervision

PhD Advisor

Whanhee Cho	Fall 2023–present
Chetan Bajaj	Spring 2025–present
Fatin Shamit	Fall 2025–present
Aritra Mazumder	Fall 2025–present
Shiyi He	Fall 2023–Fall 2024

Thesis Committee Member

• Anirudh Kamath (MS)	Spring 2025
• Kutay Eken (MS)	Spring 2025

Masters & Undergraduate

University of Utah	
 Kuangfei Long, Boston University 	Summer 2024 – Present
 Tal Blau, Technion - Israel Institute of Technology 	Spring 2024 – Present
 Shreya Raj, UMass Amherst 	Summer 2024 – Fall 2024
 Vijaysurya Vempati (MS) 	Fall 2024
- William Erignac	Summer 2024
- Ziming Wang	Fall 2024
Holden Ellsworth (MS)Bhavya Chopra, University of California, Berkeley	Summer 2024 Summer 2024
 Yuqing Wang, University of Wisconsin-Madison (DREU by CRA, Project Report [29] 	
 Rania Saber, University of California-Riverside (DREU by CRA, Project Report [30]) 	
– Qiaoyi Cai	Fall 2023
• University of Dhaka	
- Quazi Marufur Rahman (MS)	2015
- Amit Mandal	2015
- Mehedi Hasan	2015
- Nitish Ranjan Bhowmik	2015
- Kazi Mazbah Uddin	2015
Mentorship	
• Microsoft	
- Bhavya Chopra (Predoctoral Research Fellow) [PhD student at UC Berkeley]	2022–2023
- Yang Shi (Research Intern) [Assistant Professor at Utah State University]	2022
- Chethan Mahadevaswamy (Predoctoral Research Fellow) [Data Scientist at Microsoft] 2021–2022
University of Massachusetts Amherst	
Maliha Islam (PhD) [Now at Microsoft]	2020–2021
- Hasnain Heickal (PhD)	2021–2022
- Oscar Youngquist (MS)	2021–2022
- Julian Killingback (MS)	2021
Kanchi Masalia (MS)Lucy Cousins (MS)	2020 2019–2021
- Genglin Liu (Undergrad)	2019–2021
- Armand Asnani (Undergrad)	2019–2020
- Nischal Dave (Undergrad)	2019
 Zoey (Jingyi) Sun (Undergrad from Smith College) 	2018
 Lauren Beryl Larson (REU) (Undergrad from Wellesley College) 	2017
 Michael Satanovsky (High-school Intern from Hopkins School) 	2017
Professional Service	
Internal Service	
Member, Faculty Recruiting Committee, KSoC	2025
Graduate Admission Committee, KSoC	2025
 Member, Research Support/Opportunities Committee, KSoC 	2024
• Panelist, Graduate Student Mentoring Panel on "How to get a job in industry?", KSoC	2024
• Founder and Advisor, Grad-CS Women, KSoC (gradcswomen-utah.github.io)	2024–present
Graduate Admission Committee, KSoC Faculty Admission Warrantin Committee	2024
• Faculty Advisor, Women in Computing (wic.utahclubs.org) • Montor of 1st Year PhD Student (Ishrat Jahan Eliza) KSoC	2023–present

• Mentor of 1st Year PhD Student (Ishrat Jahan Eliza), KSoC

• Co-founder of UtahDB Research Center (mod.cs.utah.edu)

2022-present

2023

External Service

Program Committee and Workshop Organization

 ACM SIGMOD International Conference on Management of Data (research track) 	2026
• Workshop Chair, Data-AI Systems (DAIS), co-located with ICDE (dais-workshop-icde.github.io)	2025
• IEEE International Conference on Data Engineering (ICDE) (research track)	2025
• International Conference on Very Large Databases (VLDB) (demonstration track)	2025
• International Conference on Very Large Databases (VLDB) (research track)	2025
 ACM SIGMOD International Conference on Management of Data (demonstration track) 	2025
 ACM SIGMOD International Conference on Management of Data (research track) 	2025
• GUIDE-AI: ACM SIGMOD Workshop on Governance, Understanding, and Integration of Data for	
Effective and Responsible AI	2024
• IEEE International Conference on Data Engineering (ICDE) (demonstration track)	2024
 ACM SIGMOD International Conference on Management of Data (demonstration track) 	2024
 ACM SIGMOD International Conference on Management of Data (research track) 	2024
• IEEE International Conference on Data Engineering (ICDE) (Ph.D. Symposium)	2023
ACM SIGMOD International Conference on Management of Data (research track)	2023
• International Conference on Very Large Databases (VLDB) (research track)	2023
ACM SIGMOD International Conference on Management of Data (research track)	2022
• International Conference on Very Large Databases (VLDB) (research track)	2022
• International Conference on Extending Database Technology (EDBT) (demonstration track)	2022
ACM SIGMOD International Conference on Management of Data (research track)	2021
• International Conference on Extending Database Technology (EDBT) (demonstration track)	2021
• International Conference on Very Large Databases (VLDB) (demonstration track)	2021
Other Reviewing and Community Service	
 Mentor of Xuan Luo (Simon Fraser University) at New Researcher Symposium, SIGMOD 	2024
• Reviewer of the TKDE Journal	2024
Reviewer of the VLDB Journal	2023
Reviewer of the VLDB Journal	2021
 Reviewer of User Interface Software and Technology (UIST) 	2021
• Session chair at International Conference on Extending Database Technology (EDBT)	2021
• External reviewer of ACM CHI Conference on Human Factors in Computing Systems	2021
External reviewer of ACM SIGMOD International Conference on Management of Data	2018-2020
Problem Setter & Judge of Competitive Programming Contests	
State University Bangladesh Inter-University Programming Contest, Bangladesh	2015
SAARC Programming Contest, Bangladesh University, Bangladesh	2014
Islamic University of Technology ICT Fest, Bangladesh	2014
SAARC Programming Contest, Bangladesh University, Bangladesh	2013
Bangladesh Informatics Olympiad, National Round, Bangladesh	2013
North South University Inter-University Programming Contest, Bangladesh	2013
ACM International Collegiate Programming Contest, Dhaka, Bangladesh	2012