

## ROBIUL ISLAM

Ph.D Researcher

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## Experience

- **Innopolis University**  
*Teaching Assistant*  
Innopolis, Russia  
August-2020 to Present
- **Laboratory for Models and Methods of Computational Pragmatics**  
*Research Assistant*  
Moscow, Russia  
September-2019 to June-2020
- **Intelligent Design & Dynamic Ltd**  
*Software Engineer*  
Dhaka,Bangladesh  
April-2017 to June-2018
- **Khwaja Yunus Ali University**  
*Acting Head of Department of Computer Science and Engineering*  
Sirajganj,Bangladesh  
April-2016 to August-2016
- Lecturer of Department of Computer Science and Engineering*  
Jan-2016 to August-2016
- **East West University**  
*Graduate Teaching Assistance*  
Dhaka,Bangladesh  
May-2013 to August-2013
- Undergraduate Teaching Assistance*  
January-2013 to April-2013

## Education

- **Innopolis University**  
*Doctor of Philosophy, Neuro-science and Cognitive Technology Lab*  
Innopolis, Russia  
Continue  
– Supervisor : Alexander Hramov
- **National Research University Higher School of Economics**  
*Master's Programme 'System and Software Engineering'*  
Moscow, Russia  
Completed in June 2020  
– CGPA 8.06 on a scale of 10.0  
– Supervisor : Dmitry I. Ignatov
- **Islamic University of Technology**  
*Master of Science in Computer Science and Engineering*  
Gazipur, Bangladesh  
Completed in August 2018  
– CGPA 3.13 on a scale of 4.0  
– Supervisor : Dr. Kamrul Hasan
- **East West University**  
*Bachelor of Science in Computer Science and Engineering*  
Dhaka,Bangladesh  
Completed in April-2013  
– CGPA 3.30 on a scale of 4.0  
– Supervisor : Dr. Md. Mozammel Huq Azad Khan

## Teaching Experience

Course	Role	Location	Time
Logic and Discrete mathematics	Teaching Assistance	Innopolis University	Fall 2021
Neuroscience			Spring 2020
Theoretical Computer Science			Fall 2020
Discrete mathematics	Co-Teaching Assistance	Khwaja Yunus Ali University	Fall 2016
Structure Programming	Lecture		Fall 2016
Introduction to computer			
Electrical Circuit	Graduate Teaching Assistance	East West University	Spring 2013
	Under-graduate Teaching Assistance		Summer 2013

## Achievement

**Full Scholarship , Innopolis University 2020-24**

**Nomination << SILVER CHILD >> Golden HSE Award 2019**

**Finalist of The Ilya Segalovich Award ,Honor date: Apr 2018, Honor Issuer: Yandex**

**State Academic Scholarship , National Research University Higher School of Economics 2018-20**

**IEEE VOLT program Graduate 2017**

**ICT Division Fellowship from ICT Division,Government of the People's Republic of Bangladesh**

## Publications

- [1] Anna Muratova, Ekaterina Mitrofanova, and **Robiul Islam**. *Comparison of Machine Learning Methods for Life Trajectory Analysis in Demography*. Intelligent Information and Database Systems: 13th Asian Conference, ACIIDS 2021, Phuket, Thailand, April 7–10, 2021, Proceedings 13. Springer International Publishing, 2021. P. 630-642 [**scopus**<sup>1</sup>,**dblp**<sup>2</sup>]
- [2] Hasan Mahmud, **Robiul Islam**, Md. Kamrul Hasan *On-air English Capital Alphabet (ECA) recognition using depth information*, Visual Computer (2021) , January 2021, ISSN : 0178-2789, doi: <https://doi.org/10.1007/s00371-021-02065-x> [**scopus**<sup>1</sup>,**Web of science (Q2)**<sup>3</sup>]
- [3] Anna Muratova, **Robiul Islam**, Ekaterina Mitrofanova, Dmitry I. Ignatov *Searching for Interpretable Demographic Patterns*, in: Proceedings of the Fifth Workshop on Experimental Economics and Machine Learning the National Research University Higher School of Economics co-located with the Seventh International Conference on Applied Research in Economics (iCare7) Aachen : CEUR Workshop Proceedings, 2019. P. 18-31. [**scopus**<sup>1</sup>]
- [4] Md Rafiqul Islam, Md Abu Raihan Mostafa Kamal, Naznin Sultana, Mohammad Ali Moni, **Robiul Islam** and Anwaar Ulhaq *Depression Detection Using K-Nearest Neighbors (KNN) Classification Technique*, International Conference on Computer, Communication, Chemical, Materials and Electronic Engineering, 2018 , pages 1-4, 2018 [**scopus**<sup>1</sup>, **Demonstration**<sup>4</sup>]
- [5] **Robiul Islam**, Hasan Mahmud, Md. Kamrul Hasan,Husne Ara Rubaiyeat *Alphabet Recognition in Air Writing Using Depth Information*, ACHI 2016 : The Ninth International Conference on Advances in Computer-Human Interactions,page 299-301, April-2016, Venice Italy.ISBN: 978-1-61208-468-8

<sup>1</sup>Cited by scopus

<sup>2</sup>Cited by DataBase systems and Logic Programming

<sup>3</sup>Web of Science Core Collection

<sup>4</sup>Presented in conference

## Workshop/ Online course

- **Instructional Skill Workshop**, June 16, 2021, Innopolis University
- **Workshop on creative questions**, March 19, 2014, Khwaja Yunus Ali University
- **Full Stack Development**, Running ,Free Code Camp
- **IEEE Pro Talks 2015**, 10-Oct-2015 , IEEE Bangladesh Section , BUET
- **C#/ASP.Net under Hitech Park**, 1-Jan-2015 to 14-May-2015 (144 hours), IBCS - Primax Software Bangladesh Ltd.
- **Cloud Computing and Big Data - A Paradigm Shift in ICT** ,1 to 5 December 2014, Islamic University of Technology, Dhaka, Bangladesh

## Skills

### Technical Skills

**Programming Languages Basic :** PYTHON, C/C++, MATLAB

**Web framework:** Flask, Django

**ML/DL Tools:** Keras

### Language Proficiency

Bengali (Native)

English (Proficient)

## Membership

- |   |                                |
|---|--------------------------------|
| • <b>Institute of Electrical and Electronics Engineers, <i>IEEE</i></b> | Russia Section(Current)        |
| <i>Graduate Student member</i>  | <i>Since January-2012</i>      |
| • <b>Bangladesh Computer Society</b>                                    | Dhaka,Bangladesh               |
| <i>Associate Member</i>   | <i>October-2015 to Present</i> |
| • <b>The American Center</b>  | Bangladesh                     |
| <i>Member</i>   | <i>March-2015 to Present</i>   |
| • <b>The Institution of Engineers, Bangladesh (IEB)</b>                 | Bangladesh                     |
| <i>Associate Member</i>   | <i>July-2016 to Present</i>    |

## Voluntary Activities

- Volunteers (Organizing Committee ) at The 9th International Conference on Analysis of Images, Social Networks and Texts 2020
- Writer & Editor, Inno Media Club, Innopolis University, 2020-21.
- Volunteer of Software Engineering Conference Russia 2018
- ExCom Member, IEEE Bangladesh Section Computer Society Chapter 2018
- Advisor, IEEE Bangladesh Section Activities Committee 2017
- Educational Activity Coordinator, 2015 committee of IEEE Young Professionals, Bangladesh Section
- Event Coordinator at IEEE student Branch, East West University from Aug 1, 2012 to Feb 20, 2013
- General Member of East West University Science Club from 2009 to 2013