ROBIUL ISLAM
Ph.D Researcher
Room no : 3-309 , Dormitory 3
Innopolis University
Universitetskaya St, 1к3,
Innopolis, Republic of Tatarstan, 420500
Cell : +7 925 321 3093
Email:r_islam@live.com
Web page : `connect2robiul.github.io`

Experience

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

  Lecturer of Department of Computer Science and Engineering — *Jan-2016 to August-2016*
- **East West University** — Dhaka,Bangladesh
  Graduate Teaching Assistance — *May-2013 to August-2013*

  Undergraduate Teaching Assistance — *January-2013 to April-2013*

Education

- **Innopolis University** — Innopolis, Russia
  Doctor of Philosophy, Neuro-science and Cognitive Technology Lab — *Continue*
- **National Research University Higher School of Economics** — Moscow, Russia
  Master's Programme 'System and Software Engineering' — *Completed in June 2020*
  – CGPA 8.06 on a scale of 10.0
- **Islamic University of Technology** — Gazipur, Bangladesh
  Master of Science in Computer Science and Engineering — *Completed in August 2018*
  – CGPA 3.13 on a scale of 4.0
- **East West University** — Dhaka,Bangladesh
  Bachelor of Science in Computer Science and Engineering — *Completed in April-2013*
  – CGPA 3.30 on a scale of 4.0

Project

- Nurse Calling system

  This project is built with python flask microframework having or receiving the mqtt real-time call. It helps to collect and sent the signal to Arduino device.

- Vendor Management System

  User management system that helps users for vendor management

- Personal Work

Successfully uploaded Django software in AWS and Heroku

Teaching Experience

Course	Role	Location	Date
Discrete mathematics	Co-Teaching Assistance & Lecture	Innopolis University & Khwaja Yunus Ali University	Fall 2020, Fall 2016
Introduction to computer & Structure Program	Lecture	Khwaja Yunus Ali University	Fall 2016
Electrical Circuit	Under-graduate & Graduate Teaching Assistance	East West University	Summer & Spring 2013

Research Works

- Sequence mining for searching demographic patterns

  This course work is focus on SHAP value(python) to white box. testing. Publish: Muratova2019 (Book Chapter)

- Alphabet strokes recognition in unconstrained Air Writing using Depth Information

  The thesis work is focusing on video based alphabet strokes recognition of English Capital Letters in air writing by using depth information technology. Publish : Islam2016(Short paper)

- Evolutionary Algorithm for Graph Coloring Problem

  The undergraduate thesis work was focused on the mutation of evolutionary algorithm. Binary encoding has been introduced here for Graph Coloring Problem. Through analysis it has been idealized that introduction of binary encoding has been found facilitating in mutation, evaluation, immune system and merging color easily and also reducing coloring dynamically.

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, **Robiul Islam**, Ekaterina Mitrofanova, Dmitry I. Ignatov *Searching for Interpretable Demographic Patterns*, in: Proceedings of the Fifth Workshop on Experimental Economics and Machine Learning at 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.

[2] 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

[3] **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

Workshop/ Online course

- **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

Script Language Basic : html, CSS, javascript , jquery , jquery UI, bootstrap

Using Database: MySQL, SQL, sqlite , postgres

Web framework: Flask, Django

Language Proficiency

Bengali (Native)

English (Proficient)

Membership

- **Institute of Electrical and Electronics Engineers,** $IEEE$ Russia Section(Current)
  Member   *Since January-2012*
- **Bangladesh Computer Society**   Dhaka,Bangladesh
  Associate Member   *October-2015 to Present*
- **The American Center**   Bangladesh
  Member   *March-2015 to Present*
- **The Institution of Engineers, Bangladesh (IEB)**   Bangladesh
  Associate Member   *July-2016 to Present*

Voluntary Activities

- 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

References

Dmitry I. Ignatov
Laboratory chair,
Laboratory for Models and Methods of Computational Pragmatics
Associate Professor
Faculty of Computer Science
School of Data Analysis and Artificial Intelligence
National Research University Higher School of Economics
Moscow, Russia
Phone: +7(495) 772-9590 Phone extension: 22930
Email : dignatov@hse.ru