Sajid Hasan Apon

DataLab   sapon@purdue.edu
Department of CSE, BUET   sajidhasan.me
Dhaka 1000

RESEARCH INTEREST

Machine Learning. Specifically, reinforcement learning, computer vision, and data mining.

EDUCATION

Purdue University   2019 –
Ph.D. student, Computer Science

Bangladesh University of Engineering and Technology   October, 2018
B.Sc. in Computer Science and Engineering with University Honors

Notre Dame College, Dhaka   2013
Higher Secondary Certificate

APPOINTMENTS

Research Assistant   November 2018 –
BUET Data Science & Engineering Research Laboratory   Dhaka, Bangladesh

Higher Mathematics &
Computer Programming Instructor   January 2014 – December 2016
Udvash Academic & Admission Care   Dhaka, Bangladesh

Editor   July 2017 – October 2017
National Curriculum and Textbook Board   Dhaka, Bangladesh

PUBLICATIONS

Journal Articles

Bishwamittra Ghosh, Mohammed Eunus Ali, Farhana Murtaza Choudhury, Sajid Hasan Apon, Timos Sellis, and Jianxin Li. The Flexible Socio Spatial Group Queries. *Proceedings of the VLDB Endowment* (PVLDB), 12(2):99-111, October 2018.

Conference Posters

Sajid Hasan Apon and Mohammed Eunus Ali. Efficient Processing of Flexible Geo-Soial Group Queries with Keywords in Large Social Networks. *International Conference on Networking, Systems and Security*, December 2018

ACHIEVEMENTS & HONORS

IT Engineer Certification – IPA, Japan	2018
University Merit Scholarship – BUET	2018, 2017, 2016, 2015
Dean's Honor List – BUET	2018, 2017, 2016, 2015
Silver – Intra-BUET Programming Contest	2015
9th – Inter-University Programming Contest	2015
Gold – Bangladesh Mathematical Olympiad	2009, 2008, 2007
1st – Bangladesh Junior Scholarship	2008

SERVICE & OUTREACH

Member 2018
Bangladesh Youth Delegation to India

Trainer 2015-16
Udvash Programming Club

President 2012–13
Notre Dame Chess Club

Member 2012–13
Notre Dame College Official Chess Team

PROJECTS

Rice Doctor
CNN-based system for diagnosing diseases in paddy-plants

VocApp
vocabulary application for aiding GRE preparation

Shakespeare
intelligent agent developed using reinforcement for the game of Othello (Reversi)

Meowssenger
full-featured desktop-messenger developed in Java

Diffinder
solver for the "Spot the Differences" game

OCR software developed in Java for recognizing Bengali handwriting

Movie recommendation system on public database

PERSONAL INFORMATION

Citizenship: Bangladesh
Languages spoken: Bengali, English, Hindi
Hobbies: Anime, chess, cricket, electronics