

# Sajid Hasan Apon

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DataLab  
Department of CSE, BUET  
Dhaka 1000

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sapon@purdue.edu  
sajidhasan.me

## RESEARCH INTEREST

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

## EDUCATION

<b>Purdue University</b> Ph.D. student, Computer Science	2019 –
<b>Bangladesh University of Engineering and Technology</b> B.Sc. in Computer Science and Engineering with University Honors	October, 2018
<b>Notre Dame College, Dhaka</b> Higher Secondary Certificate	2013

## APPOINTMENTS

<b>Research Assistant</b> BUET Data Science & Engineering Research Laboratory	November 2018 – Dhaka, Bangladesh
<b>Higher Mathematics &amp; Computer Programming Instructor</b> Udvash Academic & Admission Care	January 2014 – December 2016 Dhaka, Bangladesh
<b>Editor</b> National Curriculum and Textbook Board	July 2017 – October 2017 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-Social 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
9 <sup>th</sup> – Inter-University Programming Contest	2015
Gold – Bangladesh Mathematical Olympiad	2009, 2008, 2007
1 <sup>st</sup> – Bangladesh Junior Scholarship	2008

## SERVICE & OUTREACH

<b>Member</b> Bangladesh Youth Delegation to India	2018
<b>Trainer</b> Udvash Programming Club	2015-16
<b>President</b> Notre Dame Chess Club	2012–13
<b>Member</b> Notre Dame College Official Chess Team	2012–13

## PROJECTS

<b>Rice Doctor</b> CNN-based system for diagnosing diseases in paddy-plants
<b>VocApp</b> vocabulary application for aiding GRE preparation
<b>Shakespeare</b> intelligent agent developed using reinforcement for the game of Othello (Reversi)
<b>Meowssenger</b> full-featured desktop-messenger developed in Java
<b>Diffinder</b> solver for the “Spot the Differences” game
<b>OCR software developed in Java for recognizing Bengali handwriting</b>
<b>Movie recommendation system on public database</b>

## PERSONAL INFORMATION

<b>Citizenship:</b> Bangladesh
<b>Languages spoken:</b> Bengali, English, Hindi
<b>Hobbies:</b> Anime, chess, cricket, electronics