

SANJAY SAHA

Ph.D. Student (1st year) at National University of Singapore
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RESEARCH INTERESTS

Privacy concerns of facial images
Biometrics

RESEARCH AREAS

Computer Vision
Machine Learning

WORK EXPERIENCE

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| AUG 2018 - PRESENT | Graduate Teaching Assistant at NATIONAL UNIVERSITY OF SINGAPORE
<i>Singapore</i>
Lectured in Tutorials for CS2102 - Database systems, CS1231 - Discrete Structures, and TIC1201 - Discrete Structures. |
| OCT 2017 - JULY 2018 | Assistant Professor at UNIVERSITY OF ASIA PACIFIC
<i>Dhanmondi, Dhaka</i>
During this period, I was assigned to the following courses: Structured Programming Language, Algorithms |
| SEPT 2014 - OCT 2017 | Lecturer at UNITED INTERNATIONAL UNIVERSITY
<i>Dhanmondi, Dhaka</i>
During this period, I was assigned to the following courses: Web Programming, Object Oriented Programming, Algorithms, Theory of Computing, Discrete Math. |
| JULY - SEPT 2014 | Part-time Lecturer at UNITED INTERNATIONAL UNIVERSITY
<i>Dhanmondi, Dhaka</i>
During this period, I was assigned to the following courses: Theory of Computation, Structured Programming Language and Discrete Mathematics. |
| APR - JUNE 2014 | Trainee Software Engineer at THERAP SERVICES LLC. <i>Banani, Dhaka</i>
I worked on several projects based on: JAVA Spring, Hibernate, JAVA EE 6, JavaScript. |

EDUCATION

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| 2018 - PRESENT | Ph.D. in COMPUTER SCIENCE National University of Singapore , Singapore
Supervisor: Assoc. Prof. Terence Sim |
| 2016 | Master of Science in COMPUTER SCIENCE AND ENGINEERING University of Dhaka , Bangladesh CGPA: 3.58/4.00 Thesis: "An Efficient RSU Assisted Message Passing Authentication Scheme for VANETS" Advisor: Prof. Shabbir AHMED |
| 2014 | Bachelor of Science in COMPUTER SCIENCE AND ENGINEERING University of Dhaka , Bangladesh CGPA: 3.86/4.00 Thesis: "Efficient Mining of Multiple Level Association Rules from Data Streams" Advisor: Muhammad SAMIULLAH |

SCHOLARSHIPS AND AWARDS

- 2018 NUS RESEARCH SCHOLARSHIP for Ph.D. at National University of Singapore.
2014 DEAN'S AWARD for Excellent Academic Result during persuasion of Bachelor of Science degree.
2013 SCHOLARSHIP for Academic Excellence from Dhaka University Alumni Association.
2009 AWARD for 2nd Position at ICT Olympiad of ICT Fest arranged by Islamic University of Technology.
2009 SCHOLARSHIP for the outstanding result in HSC 2009, by the government of Bangladesh.
2007 SCHOLARSHIP for the outstanding result in SSC 2007, by the government of Bangladesh.

SELECTED PUBLICATIONS

- JOURNAL(S) M Saifur Rahman, Swakkhar Shatabda, **Sanjay Saha**, M Kaykobad, M Sohel Rahman, "DPP-PseAAC: A DNA-binding protein prediction model using Chou's general PseAAC", Journal of Theoretical Biology, Volume 452, July 2017 [[Link](#)]
- Md Mofijul Islam, **Sanjay Saha**, Md Mahmudur Rahman, Swakkhar Shatabda, Dewan Md Farid, Abdollah Dehzangi, "iProtGly SS: identifying protein glycation sites using sequence and structure based features", Proteins: Structure, Function, and Bioinformatics [[Link](#)]
- Swakkhar Shatabda, **Sanjay Saha**, Alok Sharma, Abdollah Dehzangi, "iPHLoc-ES: Identification of Bacteriophage Protein Locations using Evolutionary and Structural Features", Journal of Theoretical Biology, Volume 435, 21 December 2017, Pages 229-237 [[Link](#)]
- CONFERENCE(S) Sanka Rasanayaka, **Sanjay Saha**, Terence Sim, "Making the most of what you have. (Profiling biometric authentication on mobile devices)", The 12th IAPR International Conference On Biometrics, Crete, Greece.
- Sanjay Saha**, Md. Mamun Elahi, Md. Mahfuzul Islam, Shabbir Ahmed, "An Efficient Successive Authentication Scheme for Vehicular Ad-hoc Networks", 20th ICCIT, 23-24 December 2017, Dhaka, Bangladesh. [[Link](#)]
- Al Amin Neaz Ahmed, H.M Fazlul Haque, Abdur Rahman, Md Susam Ashraf, **Sanjay Saha**, Swakkhar Shatabda, "A Participatory Sensing Framework for Environment Pollution Monitoring and Management", 2nd ICSD, 16-18 February 2017, Dhaka, Bangladesh. [[Link](#)]

TECHNICAL SKILLS

Proficient: PYTHON, JAVA, PHP, MySQL, JAVASCRIPT, C, \LaTeX
Intermediate: R, MatLab, C++, CSS

OTHER INTERESTS

Web Development (sp. Back-end)
World Politics and Economy, Technology
Table Tennis, Football, Travelling

ONLINE PORTFOLIO

WEBSITE: <http://sanjaysaha.info>
G SCHOLAR: <https://scholar.google.com.sg/citations?user=prPfgTIAAAAJ>
LINKEDIN: <https://www.linkedin.com/in/sanjaysaha1311/>
GITHUB: <https://github.com/sanjaysaha1311>