

Sanjay Saha

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WORK EXPERIENCE

- Research Engineer (part-time)** Jun. 2020 – Present
Invigilo Technologies Singapore
- Developed Computer Vision solutions for automated construction work-site safety detection.
 - Gained experience in working with YOLO, TensorFlow Object Detection API.
- Graduate Teaching Assistant** Aug. 2018 – Present
National University of Singapore Singapore
- Tutored in these courses: Database Systems, Discrete Mathematics.
- Assistant Professor** Oct. 2017 – July 2018
University of Asia Pacific Dhaka, Bangladesh
- Lectured, and designed curriculum of these courses: Structural Programming Language, Algorithms, Object Oriented Programming. Guided two student-groups to research, one leading to a [publication](#).
- Lecturer** Jul. 2014 – Sep. 2017
United International University Dhaka, Bangladesh
- Lectured, and designed curriculum of these courses: Theory of Computation, Structural Programming Language, Algorithms, Object Oriented Programming, Discrete Mathematics.
- Trainee Software Engineer** Apr. 2014 – Jun. 2014
Therap Services LLC. Dhaka, Bangladesh
- Developed projects in the training program with JAVA Spring, Hibernate, JAVA EE 6, JavaScript.

EDUCATION

- National University of Singapore** Singapore
Ph.D. in Computer Science Aug. 2018 – Present
- University of Dhaka** Dhaka, Bangladesh
Master of Science Jun. 2014 – Feb. 2016
- University of Dhaka** Dhaka, Bangladesh
Bachelor of Science Jan. 2010 – Mar. 2014

SELECTED PUBLICATIONS

- Is Face Recognition Safe from Realizable Attacks?* IJCB, 2020
- Sanjay Saha**, Terence Sim
- Making the most of what you have. (Profiling biometric authentication on mobile devices)* ICB, 2019
- Sanka Rasnayaka, **Sanjay Saha**, Terence Sim | [Link](#)
- iProtGlySS: Identifying protein glycation sites using sequence and structure based features.* Proteins (journal), 2018
- Md. M. Islam, **Sanjay Saha**, Md M. Rahman, S. Shatabda, D. M. Farid, A. Dehzangi | [Link](#)
- DPP-PseAAC: A DNA-binding protein prediction model using Chous general PseAAC* JTB (journal), 2018
- M Saifur Rahman, S. Shatabda, **Sanjay Saha**, M Kaykobad, M Sohel Rahman | [Link](#)

TECHNICAL SKILLS

Languages: Python, Java, SQL (MySQL), PHP
Frameworks: PyTorch, Tensorflow (Keras), Laravel
Developer Tools: Git, Google Cloud Platform, VS Code, PyCharm, IntelliJ

RECENT ACTIVITIES

- Presented our paper at the [IJCB 2020](#) Oct. 2020
- Reviewer at the [ICAICT, Dhaka 2020](#) Sep. 2020
- Developed a ‘face morphing’ feature in [unMask.online](#) project from NUS CFA Jun. 2020
- Passed Ph.D. Qualification Exam at NUS! Mar. 2020