

TANUSREE SHARMA

(+1) 2176938503 ◊ tsharma6@illinois.edu

EDUCATION

University of Houston

PhD Student (1st Year)

Department of Computer Science

August 2018 - May, 2019

Jahangirnagar University, Dhaka, Bangladesh

Bachelor of Science

Information Technology

December 2011 - January 2016

Overall GPA: 3.76/4

EXPERIENCE

University of Houston

Graduate Teaching Assistant

August 2018- May, 2019

Job Description: Fall 2018: 3360/6310 Operating System; Spring 2019: 4377 Computer Network.

European Union, Bangladesh

Management Information System Officer

March 2018 - July 2018

Job Description: Requirement Engineering for new system Design for Health and nutrition Voucher Scheme Project for under-privileged People.

Jahangirnagar University

Research Assistant

July 2017 - March, 2018

Job Description: Design a model of E-Governance Application Framework for People Identity Verification in Cloud using deep learning based recognition approach.

Victoria University of Bangladesh

Lecturer, Computer Science and Engineering

February 2016 - July, 2017

TECHNICAL SKILLS

- Programming: C++, Python, Java
- Web Programming Language: PHP, HTML, HTML5, CSS
- Database: Oracle 11g Enterprise, MySQL, SQLite
- Framework /Platforms : Android 4.2 (Jelly Beans) and 4.4 (Kitkat)
- Development Tools : Microsoft Visual Studio 2010, Eclipse Helios, Xampp, Tensorflow, MATLAB, Simulink, Hadoop,
- Documentation Tools: MS Word, MS Excel, Powerpoint, LaTeX
- Hardware: Arduino Micro Controller Board

RESEARCH AND PROJECTS

1. Ahmedur Rahman Shovon, Shanto Roy, **Tanusree Sharma**, and Md. Whaiduzzaman, "A RESTful E-Governance Application Framework for People Identity Verification in Cloud", International Conference on Cloud Computing - 2018, Seattle, USA.

2. Ahmedur Rahman Shovon, Shanto Roy, **Tanusree Sharma**, and Md. Whaiduzzaman, A RESTful E-Governance Application Framework for People Identity Verification in Cloud”, In: Luo M., Zhang LJ. (eds) Cloud Computing CLOUD 2018. CLOUD 2018. Lecture Notes in Computer Science, vol 10967. Springer, Cham.
3. Nurjahan, Saoreen Rahman, **Tanusree Sharma** , S M Reza, M M Rahman and M S Kaiser, PSO-NF based Vertical Handoff Decision for Ubiquitous Heterogenous Wireless Network(UHWN) Accepted at International Workshop on Computational Intelligence (IWCI 2016)
4. Santa Maria Shithil, Tushar Kanti Saha, **Tanusree Sharma**, A Dynamic Data Placement Policy for Heterogeneous Hadoop Cluster” 4th International Conference on Advances in Electrical Engineering (ICAEE 2017)
5. **Tanusree Sharma**, Santa Maria Shithil, Nushrat Jahan Bubby, Nibrash Jaman Rahat, Feasibility Analysis of Immunization Alert System in The Context of Bangladesh (Published) at International Journal of Innovative Trends in Engineering, 2016
6. Santa Maria Shithil, **Tanusree Sharma**, Tushar Kanti Saha, A Novel Sub-clustering Approach for Improving the Efficiency of Hadoop, at International Conference on Electrical, Electronics, Computer, Communication, Mechanical and Computing 2018” (EECCME). (Submitted)
7. Farhana Rashid, Shanto Roy, **Tanusree Sharma**, Md Jinat Raihan Jiko and Md. Abu Yousuf, An Artificial Online/Offline Treatment System for Type II Diabetes Mellitus Patients. Karbala International Journal of Modern Science, ELSEVIER, 2018 (Submitted)
8. **Tanusree Sharma**, Shanto Roy, The Roadmap towards Information Centric Network - A Survey, IEEE Communications Surveys and Tutorials - Manuscript ID COMST-00001-2019. (Submitted)
9. **Work-In-Progress**: Incorporating Deadline-Based Scheduling in Tasking Programming Model for Extreme-Scale Parallel Computing. Applied Field: Smart Weather prediction.
10. Project 1: People Identity Verification in Cloud.
11. Project 2: Mobile and web-based Immunization Alert System.
12. Parts-of-Speech Tagging in Bengali Language.

For more details see here <https://sites.google.com/site/tanusreesharma207/> and <https://github.com/TanusreeSharma>

EXTRA- CURRICULAR ACTIVITIES AND ORGANIZATIONS

1. Second Runner up, Inter University Badminton 2012 (organized by PUST), 2013 (organized by HSTU), First Runner Up, Inter department Badminton organized by JU, 2012, 2013.
2. 1st Runner up Inter hall High Jump, Organized by JU.
- 3.1st Runner Up, Solo Acting, Organized by JU.
4. IEEE and IEEE Computer Society Member.

HONORS

1. Dean’s list (For Levels 3 and 4 in Bachelors of Science, Information Technology)
2. Talentpool Scholarship awarded by Education Board in Secondary and Higher Secondary School Certificate exam.