



BUDDHI ASHAN,

MALLIKA KANKANAMALAGE

PhD Student

Department of Computer Science, 
The University of Texas at San Antonio

(936)668-1296 

buddhiashan.mallikakankanamalage@utsa.edu 

I am a PhD student from The University of Texas at San Antonio majoring in Computer Science. My research interests are in improving scalability and efficiency of large-scale geometric set operations on spatiotemporal datasets using heterogeneous parallel and distributed computing hardware platforms.



EDUCATION

PhD in Computer Science | The University of Texas at San Antonio

Fall 2019 - Onwards

Research Area: Efficient scalable geometric set operations on large spatiotemporal datasets harnessing parallel and distributed computing.

Master of Science in Computing and Information Science | Sam Houston State University (GPA 4.0/4.0)

Fall 2017 - Spring 2019

Bachelor of Science (Special) majoring in Computer Science | University of Kelaniya, Sri Lanka (GPA 3.77/4.0)

2011 Nov. - 2016 May



EXPERIENCE

- **Graduate Teaching / Research Assistant | September 2019 - Onwards**
Department of Computer Science, The University of Texas at San Antonio
- **Graduate Assistant | September 2017 – May 2019**
Department of Computer Science, Sam Houston State University
- **Temporary Lecturer | March 2017 – August 2017**
Department of Software Engineering, University of Kelaniya
- **Temporary Demonstrator | February 2016 – February 2017**
Department of Statistics and Computer Science, University of Kelaniya



SKILLS

- Parallel and distributed programming: C, C++, CUDA, OpenMP, MPI
- Programming: Java, VB.NET, HTML, PHP, CSS, MySQL, Oracle, Laravel, Knockout, Angular



PUBLICATIONS

- Ashan, Buddhi, Hyuk Cho, and Qingzhong Liu. "Performance Evaluation of Transfer Learning for Pornographic Detection." The International Conference on Natural Computation, Fuzzy Systems and Knowledge Discovery. Springer, Cham, 2019.
- Ashan, M.K.B and Dias, N.G.J (2016). Recognition of Vehicle License Plates using Matlab. European International Journal of Science and Technology, 5(6), pp.91-101.