
Wenbin Luo

St. Mary's University of San Antonio

Research topic and areas of interest:

- Data structures and algorithms; digital image processing; data mining; computer security;
- Interested in exploring deep learning;

My role related to computation at my institution:

- I am the Linux system administrator for the HPC at St. Mary's University of San Antonio;

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- **Linux cluster of 156 CPU Cores** running **Red Hat Enterprise Linux Server** with **Platform Cluster Manager**;
- **Lambda Quad from Lambda Labs**:
 - **Operating System**: Ubuntu 18.04 + Lambda Stack
 - **Software**: TensorFlow, PyTorch, Caffe, Caffe 2, Keras, CUDA, cuDNN
 - **Processor**: Intel Core i9-9980XE (18 Cores, 3.00 GHz)
 - **GPUs**: 4x NVIDIA Titan V
 - **Memory**: 256 GB

Computational Challenges:

- Support students and faculty learning and research in HPC and deep learning;
- Be aware of the state-of-the-art in the field;