Ph.D. Openings in Computer Vision & Machine Learning (Fall 2020)

**Position Information:** Dr. Chen Chen has two fully funded Ph.D. positions for Fall 2020 at the Machine Vision Lab (in the Department of Electrical and Computer Engineering) at the University of North Carolina at Charlotte. (https://www.uncc.edu/). The research work focuses on computer vision and machine learning techniques.

Dr. Chen Chen’s main research interests are in the area of computer vision, image and video processing, and machine learning. He published 70+ papers in top-tier venues, including CVPR, ICCV, AAAI, IJCAI, TIP, TCSVT, TNNLS. He has more than 4200 citations since 2014. He is an Area Chair of WACV 2019 and ACM Multimedia 2019. He is an Associate Editor for the following journals:
- Neurocomputing
- Journal of Real-Time Image Processing
- Signal, Image and Video Processing
- Sensors Journal

More information of Dr. Chen Chen can be found at: https://webpages.uncc.edu/cchen62/

The students will work on the following Research Topics:
1. Computer vision tasks (object/action detection/recognition, semantic segmentation, etc.);
2. Remote sensing (hyperspectral image analysis, aerial imagery analysis);
3. Multi-modality learning (ML+NLP+CV+IMU);
4. AutoML, deep learning model compression for edge computing;
5. Interpretable machine learning.

**Requirements:**
1. Undergraduate or MS students with degrees in Computer Science/Engineering, Electrical Engineering, Mathematics or related majors.
2. Strong programming and mathematical skills.
3. Candidates with research experience in image processing, computer vision, and machine learning, are highly preferred.
4. Proficiency in English reading and writing (through GRE and TOEFL/IELTS scores).
5. Strong motivation and passion for conducting research and solving challenging problems.

Interested individuals are encouraged to contact Dr. Chen Chen (chen.chen@uncc.edu) with the following documentation:
1. A current CV;
2. Transcripts if applicable;
3. Representative publications if applicable.