Bo-Cheng Tsai

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Taiwan

PERSONAL PROFILE

I am a passionate software developer who is interested in the field of Computer Vision, Image Processing and Deep Learning. I am now pursuing my master degree in the Vision Science Lab, at National Tsing Hua University. My recent project is by using deep learning techniques to apply on image segmentation and domain adaption.

EDUCATION

National Tsing Hua University (NTHU)   Hsinchu, Taiwan

    Master - Institute of Communications Engineering   Sep, 2015-current

    GPA: 4.24 / 4.3

Yuan Ze University   Chungli, Taiwan

    Bachelor - Department of Communications Engineering   Sep, 2011-Jun, 2015

    GPA: 3.73 / 4.0

HONORS AND REWARDS

Pan Wen-Yuan Scholarship, *Pan Wen-Yuan Foundation*

    Awarded to 12 EECS graduate students nationwide for outstanding academic and research performance

EXPERENCE

Vision Science Lab, NTHU, Hsinchu, Taiwan   Adivisors: Prof. **Min Sun**

Master Student   Prof. **Ching-Te Chiu**

    World-Wide-Unsupervised-Semantic-Segmentation.

    Large Scale Image Segmentation Data Collection.

CORE COURSE AND GRADES

Digital Signal Processing	(A+/A+)	Machine Learning	(A /A+)
Digital Image Processing	(A+/A+)	Computer Vision	(A+/A+)
Computer Vision for Visual Effects	(A+/A+)	Optimization Theory	(91/100)

SKILLS

Programming Language: C/C++, Python, UNIX shell script

Library & Tool: Caffe, OpenCV, Py-Cuda, MATLAB

SELECTED TERM PROJECT

Computer Vision   Panoramic Image Stitching automatically.

Machine Learning   Handwritten Formula Recognition.