Yen-Chi Cheng

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🖥 *https://yccyenchicheng.github.io/*

Education

2017–Present	**Master at National Taiwan University**, *Finance*, Taipei, Taiwan. CS related GPA: 4.3/4.3, Overall: 4.17/4.3 Ranking: 5/72, $\sim 7\%$ (Currently leave of absence)
2017	**Summer Session at University of California**, *Computer Science*, Berkeley, California. GPA: 3.85/4.0
2011–2015	**Bachelor at National Taiwan University**, *Economics*, Taipei, Taiwan. GPA: 3.38/4.3

Work Experience

2019–Present	**University of California, Merced, Vision and Learning Lab**, Visiting Graduate Researcher. Advisor: Prof. Ming-Hsuan Yang ⚲ homepage ○ Working on image/video synthesis and related problem.
2018–2019	**National Tsing-Hua University Vision Science Lab**, Research Assistant. Advisor: Prof. Min Sun ⚲ homepage ○ Developed an algorithm for segmentation on medical images. ○ Worked on an method for video synthesis.
2017–18	**RelaJet Co.**, Research Intern. ○ Developed a method for analyzing human profiles. ○ Developed an algorithm for human sound separation.
2017	**National Taiwan University, Department of Finance**, Research Assistant. Advisor: Prof. Yan-Shing Chen Developed a pipeline for collecting data from a database of analysts.
2015–16	**Presidential Office Building**, Corporal of Military Police. Presidential Award; selected to Presidential Office Building.

Selected Publications

ICCV 2019	**Point-to-Point Video Generation** **Yen-Chi Cheng***, Tsun-Hsuan Wang*, Chieh Hubert Lin, Hwann-Tzong Chen, Min Sun IEEE International Conference on Computer Vision (**ICCV**), 2019 ⚲ paper ⚲ project (* indicates equal contribution)
NeurIPSW 2018	**Radiotherapy Target Contouring with Convolutional Gated Graph Neural Network.**

Spotlight	Chun-Hung Chao, **Yen-Chi Cheng**, Hsien-Tzu Cheng, Chi-Wen Huang, Tsung-Ying Ho, Chen-Kan Tseng, Le Lu and Min Sun
	Machine Learning for Health Workshop, Neural Information Processing Systems (**NeurIPS**), 2018
	⚲ paper

Selected Projects

Spring 2019	**PyTorch VideoVAE**
	An implementation of VAE and RNN for video generation and future prediction.
	⚲ project
Winter 2018	**PyTorch WGAN-GP-TTUR CelebA**
	An implementation of WGAN with techniques for improving GAN training on CelebA.
	⚲ project

Selected Coursework

Computer Science	**University of California, Berkeley**.
	CS61A: Structure and Interpretation of Computer Programs, CS70: Discrete Math & Probability
	National Taiwan University.
	Data Structures and Algorithms, Algorithms, Operating System, Linear Algebra, Introduction to Computer Science.
Machine/Deep Learning	**National Taiwan University**.
	Machine Learning Foundation, Machine Learning Techniques.
	Coursera/Open Source Online Courses (Stanford)
	deeplearning.ai by Prof. Andrew Ng; CS231n: Convolutional Neural Networks for Visual Recognition by Prof. Fei-Fei Li

Skills, Certificates & Honors

Programming	PyTorch, TensorFlow, Caffe, Python, C++
Language	English: Fluent, Chinese: Native.
Test Score	GRE: 321, TOEFL: 105, TOEIC: 955.
Honors	Got 1st at entrance exam for MS in Finance, NTU out of 411 candidates

References

Research Mentor	Ming-Hsuan Yang, *Professor*, University of California, Merced
	✉ mhyang@ucmerced.edu ⚲ homepage
Research Mentor	Min Sun, *Associate Professor*, National Tsing Hua University
	✉ sunmin@ee.nthu.edu.tw ⚲ homepage
Research Mentor	Hwann-Tzong Chen, *Associate Professor*, National Tsing Hua University
	✉ htchen@cs.nthu.edu.tw ⚲ homepage