Yen-Chi Cheng

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🖥 *https://yccyenchicheng.github.io/*

Education

2017–Present   **Master at National Taiwan University**, *Finance*, Taipei, Taiwan.
GPA Overall: 4.17/4.3, CS related: 4.3/4.3
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

2018–Present   **National Tsing-Hua University Vision Science Lab**, Research Assistant.
Advisor: Prof. Min Sun   % link

- ○ Developed an algorithm for segmentation on medical images.
- ○ Working on an method for video generation.

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

2019   **Point-to-Point Video Generation**
Yen-Chi Cheng[*], Tsun-Hsuan Wang[*], Chieh Hubert Lin, Hwann-Tzong Chen, Min Sun
International Conference on Computer Vision (**ICCV**), 2019
% paper   % project

2018   **Radiotherapy Target Contouring with Convolutional Gated Graph Neural Network.**
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 (**ML4H**), Neural Information Processing Systems (**NeurIPS**), 2018
Spotlight Presentation (acceptance rate: 6%)
% 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 dataset.
	% 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 Skills	PyTorch, TensorFlow, Caffe, Python
Language	English: Fluent, Chinese: Native.
Test Score	GRE: 321, TOEFL: 99, TOEIC: 955.
Honors	Got 1st at entrance exam for MS in Finance, NTU out of 411 candidates; Passed CFA Lv.1.