

林家均 Chia-Chun Lin

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EDUCATION

National Yang Ming Chiao Tung University
Master student of Communication Engineering (Thesis advisor: Prof. Yu-Chih Huang)

Hsinchu City, Taiwan
Sept. 2022 —Now

National Taipei University
Bachelor of Communication Engineering
Total credit: 157, average GPA: 3.76 / 4

New Taipei City, Taiwan
Sept. 2018 —June 2022

ACADEMIC EXPERIENCE

- Undergraduate research fellowship, Ministry of Science and Technology (MOST), Taiwan. Advisor: *Prof. Yu-Pin Hsu*. 2021.07 – 2022.02
Project name: Adversarial problem in communication jamming and attacking
- Undergraduate senior project: Q-learning in traffic jamming problem.
Advisor: *Prof. Yu-Pin Hsu* 2020.06 – 2021.06
- JPEG project in *Multimedia Signal Class* 2020.09 – 2021.01
Using C code finish an easy JPEG program. Including DCT, quantization, zigzag, DPCM, Huffman coding.
- Vice president, Student Association of Communication Engineering Department.
2020.07 – 2021.06
- Management and leadership summer academic at Czech University of Life Sciences. 2019.06 – 2019.08
- Academic exchange visit at Shang Hai Chiao Tung university 2019.08

COURSES TAKEN

Graduation

Digital Signal Processes, Stochastic Processes, Digital Integral Circuit, Wireless Communication and Signal Processing, Optimization Theory and Application, Computer Architecture

College

Data Structure, Computer Network, Wireless Communication, Coding Theory, Queueing Theory, Information Theory, FPGA System Design, Multimedia Signal Processing, Computer Architecture, Numerical Analysis, Discrete Mathematics, Introduction to Image Processing, Advanced Database System, Machine Learning

SKILLS

Languages: Native Mandarin, Intermediate English

Technical Skills:

C – programs of JPEG compression and basic Fourier transform.

Matlab – simulate communication systems like OFDM, FM, AM, etc.

Python – using Pytorch to construct DNN in machine learning class.

OTHER EXPERIENCE

Work and travel in Yellowstone National Park (in the U.S.) 2022.07 – 2022.09