

Wu, Liang Yuan (Leo)

b06901032@ntu.edu.tw | 0909695617 | <https://binomial14.github.io>

EDUCATION

National Taiwan University(NTU)

Bachelor of Science in Electrical Engineering (EE)

GPA: 3.91/4.3

Taipei, Taiwan
Sept. 2017 - present

WORK EXPERIENCE

Dragoncloud.ai

Intern Machine Learning Engineer (remote)

California, United State
May, 2020 – present

- Developed a chatbot that helped students practicing English conversation.
- Developed an AI classroom system that analyzed the proportion and the contents of English that was used during a class.

National Taiwan University

Teaching Assistant, Cornerstone EECS Design and Implementation(Spring 2020)

Taipei, Taiwan
Feb., 2020 – June, 2020

- Compiled teaching materials that helped EE freshman students to build a path following automatic robot.

National Taiwan University

Administrative Assistant, Industrial Cooperation Office Electrical Engineering Department

Taipei, Taiwan
Sept., 2019 – August, 2020

- Maintained the website of the office, for showing intern opportunities to NTUEE students.

LEADERSHIP EXPERIENCE

2020 MakeNTU Makeathon/ General Coordinator

July, 2019 – Oct., 2020

- Led a team of over 80 members to hold a 2 day makeathon about IoT for all under-graduates over Taiwan.
- Collaborated with Ministry of Education, and 10+ international companies including GOOGLE, ARROW, MediaTek and so on.

Academic Department of NTUEE Student Association/ Director

June, 2019 – June, 2020

- Led a team of over 40 students to provide academic services to the 700+ undergraduates.
- Maintained an openlab, Makerspace, including, but not limited to 3D printing, laser cutting and 10+ kinds of evaluation boards.

Basketball Team, Department of EE/ Captain

June, 2019 – June., 2020

- Led a basketball team of more than 30 student players.
- Won second place in NTU College Freshman Basketball Cup.

RESEARCH EXPERIENCE

Speech Processing Laboratory

Aug., 2019 – present

- Established background knowledge in end-to-end Speech Recognition and Machine Learning, including CTC and Seq2seq.
- Advisor: Lin-shan Lee(NTUEE)

Speech Processing and Machine Learning Laboratory

Aug., 2020 – present

- Researched on word embeddings of transformer models, and its application on machine translation.
- Advisor: Hung-Yi Lee(NTUEE)

HONORS

Social Devotion Special Award NTU

Nov., 2020

- In recognition of my devotion to public services that I helped building an access control system in NTU to prevent the spread of COVID-19.

2nd prize of Undergraduate Innovation Award NTUEE

July, 2020

- Topic: Smart Access Control with Automatic Thermometer System based on IoT
- Awarded out of all undergraduate students in NTUEE.

SKILLS

Languages: Mandarin Chinese(native), English (fluent)

Programming Languages: Python, C/C++, Javascript

Web Development: HTML, CSS, React, MongoDB, GraphQL

Deep Learning Libraries: PyTorch, Transformers