Wu, Liang Yuan (Leo)

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EDUCATION

National Taiwan University(NTU)   Taipei, Taiwan
Bachelor of Science in Electrical Engineering (EE)   GPA: 3.95/4.3   Sept. 2017 - present

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)

TEACH EXPERIENCE

National Taiwan University   Taipei, Taiwan
Teaching Assistant, Machine Learning(Spring 2020)   Feb., 2021 − present
- In charge of the explainable AI project, helped student to gain basic knowledge of Machine Learning.

National Taiwan University   Taipei, Taiwan
Teaching Assistant, Cornerstone EECS Design and Implementation(Spring 2020)   Feb., 2020 − June, 2020
- Compiled teaching materials that helped EE freshman students to build a path following automatic robot.

WORK EXPERIENCE

Ucarer Inc.   Taipei, Taiwan
Intern AI platform Engineer   March, 2021 − present
- Developed a customer relationship management system with the help of Machine Learning.

Dragoncloud.ai   California, United State
Intern Machine Learning Engineer (remote)   May, 2020 − present
- Developed an AI classroom system that analyzed the proportion and the contents of English that was used during a class.
- Developed an accent scoring model.

National Taiwan University   Taipei, Taiwan
Administrative Assistant, Industrial Cooperation Office Electrical Engineering Department   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 to win 2nd place in NTU College Freshman Basketball Cup.

HONORS

Outgoing Exchange Student Scholarship *NTU*   Dec., 2020
- Awarded to exchange students with excellent internal screening score out of all students in NTU.

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