Po-Hsun Lin

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Personal Website
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A passionate researcher who mainly focuses on satellite communication, MEC, and video streaming.

SKILLS

Familiar Languages	Python, Javascript
Experienced Languages	MySQL, MongoDB, C++/C, Golang, Java, SwiftUI
Engineering Skills	Frontend(ReactJS), Backend(Flask, NodeJS), Computer Vision, Machine Learning, Reinforcement Learning, Federated Learning
Communication	Chinese(Native Speaker) , English(TOEFL iBT 96), Japanese(about N4-N3)

EDUCATION

Master of Electrical Engineering (major in Computer Science), *National Taiwan University* GPA:4.26 (9/92)	**2021 — now**
Bachelor of Material Science and Engineering, *National Taiwan University* GPA:4.21 (2/50)	**2017 — 2021**

COURSES

Master	Advanced Wireless Networking, Cryptography, Operating System, Convex Optimization, Network Virtualization and Security
Bachelor	Machine Learning, Introduction to Computer Networks, Introduction to Wireless and Mobile Networking

PROJECTS

Introduction to Wireless and Mobile Networking
Final Project: Analysis of the System Performance of WiFi under Different Scenarios
Advanced Wireless Networking
Final Project: Optimize Video Streaming QoE in LEO Satellite Network

ACTIVITIES AND AWARDS

- Scholarship, Department of Electrical Engineering at National Taiwan University **Spring 2022/2023**

- First Author in IEEE ICC Paper
  Space-Centric Adaptive Video Streaming with Quality of Experience Optimization in Low Earth Orbit Satellite Networks **May 2023**

- 1st Prize/2nd Best Performance Award in Skull Fracture Detection Competition, Deep01 & National Taiwan University **Fall 2021**

- Second Author in Materialia Paper
  Revisiting alloy design of low-modulus biomedical β-Ti alloys using an artificial neural network **Fall 2021**

- Dean's Award of Bachelor Thesis, National Taiwan University
  Machine-Learning Prediction of Defects Induced by Plastic Deformation in Dual-Phase Steels **Spring 2021**

- 1st Place of Departmental Research Project Competition, National Taiwan University (Title: same as above) **Spring 2021**

- The Presidential Award, National Taiwan University **Fall 2017 — Spring 2019 (4 semesters)**