

TUN-YUAN CHANG

Taichung, Taiwan

✉ tunyuan.nthu@gmail.com [in](#) [tunyuanchang](#) [tunyuanchang](#)

EDUCATION

National Tsing Hua University, Hsinchu, Taiwan
M.S. in Institute of Information Systems and Applications
Advisor: Prof. Cheng-Hsin Hsu

Sep. 2024 - Jun. 2026 (Expected)
Overall GPA: /4.30

National Tsing Hua University, Hsinchu, Taiwan
B.S. in Computer Science
Minor in Quantitative Finance

Sep. 2020 - Jun. 2024
Overall GPA: 3.90/4.30

RESEARCH INTERESTS

Digital Twins, Smart Cities, Machine Learning, and related fields.

PUBLICATIONS

EXPERIENCE

Network Research Lab @ Academic Sinica
Summer Intern of Institute of Information Science

Jun. 2024 - Aug. 2024 (Expected)
Advisor: Prof. Ling-Jyh Chen

Research Description: Navigation System, Generative Artificial Intelligence

Networking and Multimedia Systems Lab @ NTHU
Research Assistant

Mar. 2024 - Present
Advisor: Prof. Cheng-Hsin Hsu

Research Description: Machine Learning, Routing Algorithms

- **Healthy Driving Route Optimization**

Undergraduate Project

Jul. 2022 - Jan. 2024

Research Description: Graph Neural Network, Recommendation System

- **Implementation of Model Architectures:** Neural Graph Collaborative Filtering (NGCF). Fast Incremental Recommendation (FIRE)