TUN-YUAN CHANG

Taichung, Taiwan

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EDUCATIONS

National Tsing Hua University, Hsinchu, Taiwan   Sep. 2024 - Jun. 2026 (Expected)
M.S. in Institute of Information Systems and Applications   GPA: 4.25/4.30
Advisor: Prof. Cheng-Hsin Hsu

National Tsing Hua University, Hsinchu, Taiwan   Sep. 2020 - Jun. 2024
B.S. in Computer Science   GPA: 3.90/4.30
Minor in Quantitative Finance

RESEARCH INTERESTS

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

PUBLICATIONS

[1] **Adaptive Microservice Provisioning in Heterogeneous IoT Settings**
Yuqiao Li, Fangqi Liu, **Tun-Yuan Chang***, Cheng-Hsin Hsu, Nalini Venkatasubramanian*
Pervasive and Mobile Computing Journal, Elsiver (underreviewed)

EXPERIENCE

Ambient Intelligence for Immersive Networked Systems Lab @ NTHU Mar. 2024 - Present
Research Assistant   *Advisor: Prof. Cheng-Hsin Hsu*

Research Description: Routing Algorithms, Digital Twins, Smart Cities

- **Routing in Smart Cities**

EECS3020 Introduction to Computer Networks Course @ NTHU   Sep. 2024 - Dec. 2024
Teaching Assistant

- Offering tutorials to support students in understanding fundamental concepts.
- Collaborating with course instructors in designing course materials, assignments, exams, and grading.

Network Research Lab @ Academic Sinica   Jun. 2024 - Aug. 2024
Summer Intern of Institute of Information Science   *PI: Prof. Ling-Jyh Chen*

Research Description: Navigation Systems, Interactive Maps

- Building up the navigation system with open-source project GraphHopper.
- Visualizing the interactive map with open-sourse project Leaflet.