Wen-Hai Tseng

Master Student – Institute of Data Science, National Cheng Kung University

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 w5535586

Education

Sep. 2023 – Present   **M.S. in Data Science**, *National Cheng Kung University*

Sep. 2017 – Jun. 2021   **B.B.A. in Information Management**, *National Pingtung University of Science and Technology*

Work Experience

Sep. 2021 – Jul. 2023   **Engineer**, *AU Optronics Corporation*

Skills

Computer Vision, Autonomous Driving, Image Processing, Data Analysis

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Competition Awards

2025   1st Place, ICRA GOOSE 2D Semantic Segmentation Challenge

2024   Honorable Mention and Trend Micro Creative Award, AICUP Multi-Camera Vehicle Tracking

2024   9th Place, CVPR AI CITY CHALLENGE Track 4

2023   2nd Place, ACM MM PAIR-LITEON Competition

2020   7th Place, ACM MM Social Media Prediction Challenge

2019   3rd Place, ICCV Learning to Drive Challenge

Publications

2025   Chih-Chung Hsu, I-Hsuan Wu, Wen-Hai Tseng, Ching-Heng Cheng, Ming-Hsuan Wu, Jin-Hui Jiang, Yu-Jou Hsiao: Technical Report for ICRA 2025 GOOSE 2D Semantic Segmentation Challenge: Leveraging Color Shift Correction, RoPE-Swin Backbone, and Quantile-based Label Denoising Strategy for Robust Outdoor Scene Understanding. *CoRR* abs/2505.06991 (2025)

2024   Chih-Chung Hsu, Wei-Hao Huang, Wen-Hai Tseng, Ming-Hsuan Wu, Ren-Jung Xu, Chia-Ming Lee: OmniDet: Omnidirectional Object Detection via Fisheye Camera Adaptation. *MIPR* 2024: 335–341

2020   Chih-Chung Hsu, Wen-Hai Tseng, Hao-Ting Yang, Chia-Hsiang Lin, Chi-Hung Kao: Rethinking Relation between Model Stacking and Recurrent Neural Networks for Social Media Prediction. *ACM Multimedia* 2020: 4585–4589

2020 Chih-Chung Hsu, Wen-Hai Tseng, Hao-Ting Yang: Learning to Predict Risky Driving Behaviors for Autonomous Driving. *ICCE-TW* 2020: 1–2

2020 Chih-Chung Hsu, Wen-Hai Tseng, Hao-Ting Yang, Chia-Hsiang Lin, Chi-Hung Kao: Rethinking Relation between Model Stacking and Recurrent Neural Networks for Social Media Prediction. *ACM Multimedia* 2020: 4585–4589
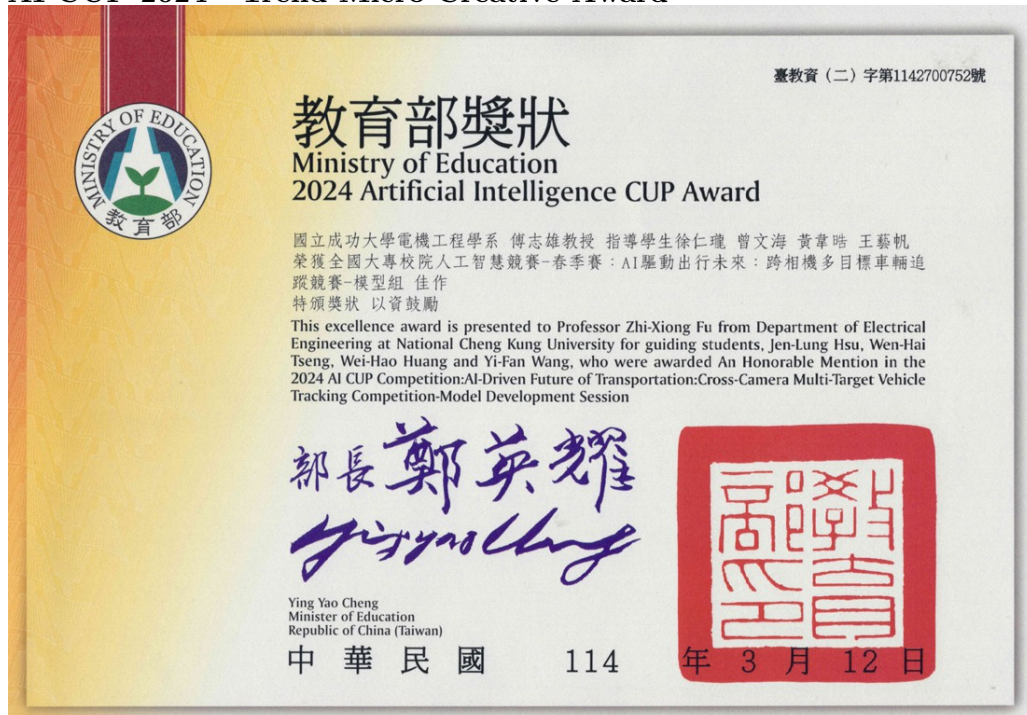
Award Certificates

AI CUP 2024 - Honorable Mention Award

AI CUP 2024 - Trend Micro Creative Award

AWARD CERTIFICATE

TOP 2

Pervasive Artificial Intelligence Research Labs
National Yang Ming Chiao Tung University, Taiwan

take pleasure in presenting this certificate to

NCKU_ACVLab

Wen-Hai Tseng

for the 1st runner-up of

Embedded AI Object Detection Model Design Contest on Fish-eye Around-view Cameras

ACM Multimedia Asia 2023 Grand Challenge: PAIR-LITEON Competition

Dec 06, 2023
Date

Yu-Chee Tseng, Director, PAIR Labs

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