

Pin-Yen Chiu

nickchiu@citi.sinica.edu.tw | itsnickchiu.github.io | github.com/itsnickchiu | +886-917-679-635

EDUCATION

National Sun Yat-sen University (NSYSU)
Bachelor of Science in Computer Science and Engineering
• GPA 3.86/4.3, Last 60 GPA 4/4.3

Aug. 2019 – Jun. 2023
Kaohsiung, Taiwan

EXPERIENCE

Research Assistant Mar. 2023 – Present
Research Center for Information Technology Innovation, Academia Sinica, Advisor: Jun-Cheng Chen Taipei, Taiwan
• Designed a unified kinship face synthesis framework combining StyleGAN and diffusion models to enhance generation diversity while maintaining kinship consistency and facial attribute controllability.
• Developed a more comprehensive evaluation metric for assessing face editing performance in generative models, alleviating existing benchmarking limitations.
• Proposed an efficient, plug-and-play continuous concept control method enabling zero-shot adaptation across various diffusion models for both image and video synthesis while reducing training overhead.

SELECTED PUBLICATIONS & PREPRINTS

[1] **Pin-Yen Chiu**, I-Sheng Fang, Jun-Cheng Chen. **Text Slider: Efficient and Plug-and-Play Continuous Concept Control for Image/Video Synthesis via LoRA Adapters.** *WACV, 2026. CVPR Workshop on Visual Concepts, 2025.* [\[Paper\]](#) [\[Poster\]](#)

[2] **Pin-Yen Chiu***, Dai-Jie Wu*, Chia-Hsuan Hsu, Po-Hsun Chu, Hsiang-Chen Chiu, Chih-Yu Wang, Jun-Cheng Chen. **StyleDiT: A Unified Framework for Diverse Child and Partner Faces Synthesis with Style Latent Diffusion Transformer.** *Under Reviewed.* [\[Paper\]](#)

[3] Dai-Jie Wu*, **Pin-Yen Chiu***, Chih-Yu Wang, and Jun-Cheng Chen. **Towards Validating Face Editing Ability in Generative Models.** (* denotes equal contribution) *VCIP (Oral), 2024.* [\[Paper\]](#)

[4] Yu-Feng Chen, Tzuhsuan Huang, **Pin-Yen Chiu**, Jun-Cheng Chen. **Invisible Backdoor Triggers in Image Editing Model via Deep Watermarking.** *AVSS, 2025.* [\[Paper\]](#)

[5] Ernie Chu*, I-Sheng Fang*, Tai-Ming Huang, **Pin-Yen Chiu**, Vishal Patel, Jun-Cheng Chen. **Adapt to Hide: Leveraging Off-the-shelf Autoencoder for Reversible Visual Processing.** *Under Reviewed.*

PROJECTS

Wireless Network Attack Detector | *Python, Scikit-learn, HTML/CSS, Ajax, Flask, MongoDB* Nov. 2022
• Analyze the packet behaviors and detect various DoS attack via decision tree based ML models.
• Fill the security gaps during the transition period between different generations of Wi-Fi protocols.
• Visualize the attack behavior with a website for monitoring.
• Accepted in Journal of Information Science and Engineering, 2025. [\[Paper\]](#) [\[Poster\]](#)

HONORS & AWARDS

3rd place, College of Engineering Joint Project Competition, NSYSU, 2022.

ACADEMIC SERVICES

Reviewer, IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)