張彧瑋 Yu-Wei Chang

National National Taiwan University

Department: Department of Computer Science & Information Engineering, M3

Lab: Computational Physicality Lab (Prof.Lung-Pan Cheng)

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Education

2022 – ····	🔖	**Master, CSIE, National Taiwan University**
		• **Advisor**: Prof. Lung-Pan Cheng (since 2021)
		• **Field of Study**: Human Computer Interaction
		• **Research Interest**: VR, Haptics, Cross-modal Illusion.
2018 – 2022	🔖	**Bachelor, CSIE, National Taiwan University**
		• **Minor: Chinese Literature**
		• **Certified Specializations: Machine Learning and Artificial Intelligence, Natural Language Processing**
		• **Overall Grade Point Average**: 3.92
		• **Credits Earned**: 167

Research Publications

1. P.-Y. (Wang, C.-H. Xu, P.-Y. Wang, H.-Y. Huang, Y.-W. Chang, J.-H. Cheng, Y.-H. Lin, and L.-P. Cheng, "Game illusionization: A workflow for applying optical illusions to video games," in *The 34th Annual ACM Symposium on User Interface Software and Technology*, ser. UIST '21, Virtual Event, USA: Association for Computing Machinery, 2021, pp. 1326–1344, ISBN: 9781450386357. 🔗 DOI: 10.1145/3472749.3474824.

Skills

Languages	🔖	• **Mandarin**(Native)
		• **English**(Proficient)
		• **Japanese**(Intermediate): JLPT N1
Coding	🔖	• **Programming**: C, C++, C♯, Python, LaTeX, …
		• **Human Computer Interaction**: Unity, Unity VR (Oculus SDK, XR Interaction toolkit), Figma, Adobe Illustrator, Dart, Arduino, Fusion360, …
		• **Artificial Intelligence**: CV, Natural Language Processing, Classification

Miscellaneous Experience

Competition

2022	🔖	**1st Place, 2022 Innovation Application Competition of Digital Twins for Smart Farming**, *Council of Agriculture, Executive Yuan, Taiwan*

Teaching Assistant Experience

2023 Spring	🔖	**Programming User Interfaces**
2023 Fall	🔖	**Computer System Laboratory**
		• Rewarded as **Excellent Teaching Assistant**