

Ching-Wen Hung

Ph.D. candidate at Graduate Institute of Networking and Multimedia, National Taiwan University

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Research Interests

- Human-Computer Interaction (HCI), Haptics, Virtual/Augmented reality (VR/AR), Perception and Behavior, Ubiquitous Computing, Novel Techniques

Education

- **National Taiwan University** **Taipei, Taiwan**
Ph.D. in Computer Science
Advisor: Bing-Yu Chen
Mar 2020 -
- **National Taiwan University** **Taipei, Taiwan**
Master in Information Management and MBA
Advisor: Bing-Yu Chen
Sep 2018 - Feb 2020
- **National Central University** **Taoyuan, Taiwan**
Bachelor in Information Management
Sep 2014 - June 2018

Research Experiences

- **Student Volunteer for Ubicomp 2021** (Online Virtual Conference)
- **Student Volunteer for CHI 2021** (Online Virtual Conference)
- **Student Volunteer for TAICHI 2019**

Publications

- **ElastOscillation: 3D Multilevel Force Feedback for Damped Oscillation on VR Controllers**
Hsin-Ruey Tsai, **Ching-Wen Hung**, Tzu-Chun Wu, Bing-Yu Chen
In Proceedings of the ACM Human-Computer Interaction (CHI 2020). (oral present)

Projects and Demos

- **Tonopoly: A Monopoly-like Board Game with Toio**
Chi-Huan Chiang, **Ching-Wen Hung**
UIST Student Innovation Contest 2021
- **Demonstration of ElastOscillation: A VR Controller Providing 3D Multilevel Feedback for Damped Oscillation**
Ching-Wen Hung, Hsin-Ruey Tsai, Tzu-Chun Wu, Bing-Yu Chen
CHI Extended Abstracts 2020

Technical Reports and Preprints

- **ElastOscillation: 3D Multilevel Force Feedback for Damped Oscillation on VR Controllers**
CHI 2020 (Online Virtual Conference)
UTokyo-NTU Joint Conf 2019

Teaching Experiences

- **Teaching Assistant**
 - **Creative and Design Thinking** *National Taiwan University* *Mar 2020 - June 2020*
 - **Internet Technology in E-Commerce** *National Central University* *Sep 2017 - Jan 2018*

Awards and Grants

- Fellowship for outstanding Ph.D. student from Ministry of Science and Technology, Taiwan 2020 -
- Fellowship for students of the Direct Pursuit of Ph.D. Degree in National Taiwan University, Taiwan 2020
- Dean's List Award in National Central University, Taiwan Sep 2015 - Jun 2017

Reviewer

- TAICHI 2021

Student Mentoring

- **Chi-Chun Su**, *Master Student*, National Taiwan University Aug 2020 - Aug 2021
- **Jui-Cheng Chiu**, *Undergraduate Student*, National Taiwan University Aug 2020 - Apr 2021