

# 洪靖雯 Ching-Wen Hung

PhD student

Graduate Institute of Networking and Multimedia, National Taiwan University

email: [amie12349@cmlab.csie.ntu.edu.tw](mailto:amie12349@cmlab.csie.ntu.edu.tw)

## Education

Mar. 2020 - **Ph.D. student, Graduate Institute of Networking and Multimedia**

current National Taiwan University, Taipei, Taiwan  
Communications and Multimedia Lab  
Advisor: Prof. Bing-Yu Chen

Sept. 2018 - **M.S., Department of Information Management**

Feb. 2020 National Taiwan University, Taipei, Taiwan  
Communications and Multimedia Lab  
Advisor: Prof. Bing-Yu Chen

Sept. 2014 - **B.S., Department of Information Management**

June 2018 National Central University, Taoyuan, Taiwan

## Publications

2020 Hsin-Ruey Tsai, **Ching-Wen Hung**, Tzu-Chun Wu, Bing-Yu Chen

ElastOscillation: 3D Multilevel Force Feedback for Damped  
Oscillation on VR Controllers. (accepted)

*CHI 2020 paper (oral present)*

2020 **Ching-Wen Hung**, Hsin-Ruey Tsai, Tzu-Chun Wu, Bing-Yu Chen

Demonstration of ElastOscillation: A VR Controller Providing 3D  
Multilevel Feedback for Damped Oscillation (accepted)

*CHI 2020 demo paper*

## Experiences

2019 TAICHI 2019 Student Volunteer Program

2018 Advantech (研華科技) IoT Solution Internship, RD Engineer

2014 - 2018 中央資管大數據暨程式研究社幹部

中央大學新生資訊網程式設計組組員

中央大學大氣系網管

中央大學資工系鄭永斌教授秘書

## Awards

2015 - 2016 書卷獎:國立中央大學104學年度第1學期、第2學期，105學年度第1學期

## Language

English, Chinese (native)

## Software Skills

- Python、C#、Java
- Unity 2D & 3D
- Arduino、Raspberry Pi 3、Processing、123D Design
- HTML5、CSS、JS(JQUERY)、NodeJS、PHP、MySQL
- Android
- Adobe Premiere pro

## Hardware Skills

- Prototyping using Arduino with various sensors and actuators
- Raspberry Pi 3
- 3D Printing
- Laser Cutting

## Research Interests

Human-Computer Interaction (HCI), Haptic Interface, VR/AR, Digital Fabrication, Tangible User Interface (TUI)