Ching-Wen Hung 洪靖雯

PhD student
Graduate Institute of Networking and Multimedia, National Taiwan University
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Education

Mar. 2020 -
current
Ph.D. student, Graduate Institute of Networking and Multimedia
National Taiwan University, Taipei, Taiwan
Communications and Multimedia Lab
Advisor: Prof. Bing-Yu Chen

Sept. 2018 -
Feb. 2020
M.S., Department of Information Management
National Taiwan University, Taipei, Taiwan
Communications and Multimedia Lab
Advisor: Prof. Bing-Yu Chen

Sept. 2014 -
June 2018
B.S., Department of Information Management
National Central University, Taoyuan, Taiwan

Publications

2020 **ElastOscillation: 3D Multilevel Force Feedback for Damped Oscillation on VR Controllers** (accepted)
Hsin-Ruey Tsai, **Ching-Wen Hung**, Tzu-Chun Wu, Bing-Yu Chen
CHI 2020 paper

2020 **Demonstration of ElastOscillation: A VR Controller Providing 3D Multilevel Feedback for Damped Oscillation** (accepted)
Ching-Wen Hung, Tzu-Chun Wu, Hsin-Ruey Tsai, Bing-Yu Chen
CHI 2020 demo

Experiences

2019 TAICHI 2019 Student Volunteer Program

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

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2014 - 2018 NCU Information Management Dept.'s student programming team leader
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（中央資管大數據暨程式研究社幹部)

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            NCU freshman website programming team member
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（中央大學新生資訊網程式設計組組員）

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            NCU Department of Atmospheric Sciences network manager
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(中央大學大氣系網管)

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            NCU game creator club member
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（中央大學創遊社社員）

Awards

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2015 - 2016 Academic Excellence Awards (NCU 2015-1, 2015-2, 2016-1 semesters)
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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, Tangible User Interface (TUI), Digital Fabrication