

# Qin Wu 吴 琴

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## RESEARCH INTEREST

### Keywords:

Human Computer Interaction, Interactive media, User experience

### Summary:

I am committed to the intersection of computer science and art design, mostly in the direction of human-computer interaction design. I have a lot of experience in the teaching of human-computer interaction, interactive art of lights and shadows, intelligent hardware design, user experience design etc. I also studied the design and development of educational robots.

## EDUCATION

### National Taiwan University of Science and Technology, Taiwan

Aug. 2017-Present

Department of *Computer Science and Information Engineering*

Ph.D. Student,

Advisor: Prof. Shin-Ming Cheng

### Tsinghua University, Beijing, China

Aug. 2013-Jun. 2016

Department of *Information Art & Design*, Interactive Design Institute

M.S. in *Fine Arts*,

Advisor: Prof. Qiong Wu

### Chengdu University of Information Technology, Chengdu, China

Sept. 2008-Jun. 2012

Collage of *Culture and Arts*, Institute of Animation Design

B.S. in *Arts*,

## WORK EXPERIENCES

- **Lecturer, Department of Computer Science, CHENGDU UNIVERSITY OF INFORMATION TECHNOLOGY**

Chengdu, China, Jul. 2016-Present

- **User experience Intern, User Experience Design Group, LINKEDIN CHINA**

Beijing, China, Nov.2015- Feb.2016

- **Interaction design Intern, Department of service design, LENOVO**

Beijing, China, Jun.2015- Sept. 2015

## RESEARCH EXPERIENCE

- **Team leader, Interactive Media Studio, Chengdu University of Information Technology, China**

Nov. 2016-Present

- Project 1: MagicPAPER : Tabletop Interactive Projection Device Based on Kraft Paper

- Project 2: Anmoji: A massage robot based on head and shoulders control

- Project 3: A study of the interactive design of the Qiang culture in China

- Project video list: [https://www.youtube.com/playlist?list=PLodCiLjz-NeDSO-KHqLMuVKp5S\\_8-CWE\\_](https://www.youtube.com/playlist?list=PLodCiLjz-NeDSO-KHqLMuVKp5S_8-CWE_)

- **Research Assistant, Human machine control research Lab, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen, China**

Jul. 2017-Present

-Advisors: Prof. Xiping Hu, Prof. Jun Cheng

- **Publicity Chair, ACM China**

Oct. 2016- April 2018

-With: Prof. Yunhao Liu

-Service: All visual design at ACM TURC 2017

## TEACHING EXPERIENCES

- **Course Teacher, INFORMATION ARCHITECTURE AND VISUALIZATION (Junior Required)**

course)

-Digital Media Technology Institute at Chengdu University of Information Technology, Autumn 2016

- **Course Teacher, USER RESEARCH AND VALUE CREATE (Senior Elective course)**

- School of Computer Science at Chengdu University of Information Technology, Spring 2017

- **Course Teacher, FUNDAMENTALS OF COLLEGE COMPUTERS (A) (Freshmen Required course)**

- School of Computer Science at Chengdu University of Information Technology, Autumn 2018

## AWARDS

- “BEST DESIGN AWARD” ACM TURC 2017
- “Honorable Mention Award-Demo” ACM SUI 2018
- “SIC People’s Choice Honorable Mention Award” ACM UIST 2018
- “BEST DEMO-Honorable Mention Award” ACM ISS 2018
- “Single award for interaction design” LIFE GEEK 2018

## PUBLICATIONS

- **Wu Qin**, Jiashuo Cao, Chuang Zhou, Ji Huang, Zhuo Li, Shin-Ming Cheng, Jun Cheng, and Guanghui Pan. "Intelligent Smoke Alarm System with Wireless Sensor Network Using ZigBee." *Wireless Communications and Mobile Computing* 2018 (2018).
- **Qin Wu**, Sirui Wang, Jiayuan Wang, Jia-shuo Cao, Xing-Yuan Huang, and Rung-Huei Liang. MagicPAPER: An Integrated Shadow-Art Hardware Device Enabling Touch Interaction on Paper. *In Proceedings of the 2018 ACM Conference Companion Publication on Designing Interactive Systems (DIS '18)*.
- Zheng, Jianbo, Qieshi Zhang, Shihao Xu, Hong Peng, and **Qin Wu**. "Cognition-Based Context-Aware Cloud Computing for Intelligent Robotic Systems in Mobile Education." *IEEE Access* 6 (2018): 49103-49111.
- Sirui Wang, Jiayuan Wang, and **Qin Wu\***. MagicPAPER: An Integrated Shadow-Art Hardware Device Enabling Touch Interaction on Kraft paper. *In Proceedings of the Symposium on Spatial User Interaction (SUI '18)*.
- Yuwei Li, Chenmei Yu, Zhen Yang, Ziyue Guo, and **Qin Wu\***. See Your Voice: An Interactive Device of Speech Visualisations for Users with Poor Hearing. *In Proceedings of the Sixth International Symposium of Chinese CHI (ChineseCHI '18)*.

- **Qin Wu**, Fanglve Zhang, Sihan Zhou, Yuehao Qin, and Xi Wu. Table War: A Tower-Defense Game Device with Augmented Reality Projection. *In Proceedings of the Sixth International Symposium of Chinese CHI* (ChineseCHI '18).
- **Qin Wu**, Sirui Wang, Jiayuan Wang. MagicPAPER : Tabletop Interactive Projection Device Based on Kraft Paper. (ISS '18).