

# Liuping Wang

Phd Candidate | University of Chinese Academy of Sciences

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## Research Interest

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I am a 5th-year PhD student in the Beijing Key Lab of Human-Computer Interaction at the Institute of Software, Chinese Academy of Sciences (ISCAS), advised by Prof. Feng Tian. My research interests lie in the area of human-computer interaction (HCI), focusing on human-AI collaboration, chatbot for mental health.

## Education

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### University of Chinese Academy of Sciences (UCAS), Institution of Software

Sep.2017-Now

Ph.D. student at Beijing Key Lab of Human-Computer Interaction, Advisor:Feng Tian

### Harbin Institute of Technology(HIT), School of Software

Sep.2013-Jul.2017

Bachelor of Software and Engineering

## Experience

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### Intel(ShangHai, China)

Sep.2016-May.2017

Software Engineer Intern

## Publications

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- 2021** **Liuping Wang**, Dakuo Wang, Feng Tian, Zhenhui Peng, Xiangmin Fan, Zhan Zhang, Shuai Ma, Mo Yu, Xiaojuan Ma and Feng Tian. CASS: Towards Building a Social-Support Chatbot for Online Health Community.[CSCW21](CCF A)
- 2021** Dakuo Wang\*, **Liuping Wang\***, Zhan Zhang, Ding Wang, Haiyi Zhu, Yvonne Gao, Xiangmin Fan and Feng Tian. "Brilliant AI Doctor" in Rural Clinics: Challenges in AI-Powered Clinical Decision Support System Deployment.[CHI21](CCF A)
- 2021** Chutian Jiang, Yanjun Chen, Mingming Fan, **Liuping Wang**, Luyao Shen, Nianlong Li, Wei Sun, Yu Zhang, Feng Tian and Teng Han. Douleur: Creating Pain Sensation with Chemical Stimulant to Enhance User Experience in Virtual Reality.[UbiComp21](CCF A)
- 2020** Suwen Zhu, Yoonsang Kim, Jingjie Zheng, Jennifer Yi Luo, Ryan Qin, **Liuping Wang**, Xiangmin Fan, Feng Tian, and Xiaojun Bi. 2020. Using Bayes' Theorem for Command Input: Principle, Models, and Applications.[CHI20](CCF A)
- 2018** **Liuping Wang**, Xiangmin Fan, Feng Tian, Lingjia Deng, Shuai Ma, Jin Huang, and Hongan Wang. 2018. MirrorU: Scaffolding Emotional Reflection via In-Situ Assessment and Interactive Feedback.[CHI EA 18](CCF A)

## Projects

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### ReadyGo: Quantitative Motor Function Evaluation System

Nov.2019-Apr.2021

I work as a student leader to translate laboratory research achievements into commercial products. Responsible for designing the prototype and development framework of the product, building the database and its API, defining the business logic of each module, and developing the main management program.

Student leader

<https://www.cas-ruiyi.com/pages/page-go.html>

### **WebRTC Live App: A Live-stream Mobile System Based on WebRTC**

*Sep.2016-May.2017*

An internship program in intel. It is a live-stream app supporting users to publish their local view in real time. At the same time, others can subscribe anchor's view and send like, bullet screen and gift. Fans can also link the mic with anchor. All technology of video communication are based on Web Real Time Communication.

*Android engineer intern*

### **Jingqu PUS: People's Livelihood Police Service Platform**

*Jan.2016-Jun.2016*

The Police Platform can help the police to release police affairs and manage the floating population. Residents can apply for business online such as report immigration, residence permit and even report crimes through this app.

*Android developing*

### **FangHeHui: An Online Estate Trading Application**

*Mar.2015-Dec.2015*

The Fanghehui app is a real estate trading application. It provides users with a viewing platform to get the latest real estate information. The user can also become a broker, recommend appropriate houses to others, and a successful deal can draw a considerable commission.

*Android and J2EE developing*

## **Services**

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### **Review**

CHI 20, TiiS

### **Volunteer**

- The 38th Beijing Youth Science and technology innovation competition, 2018

### **Teaching**

- "human computer interaction" course in Zhongguancun No.1 Primary School, 2018
- "A brief talk on AI: chatbot, theory and practice" online course in Beijing Youth Science and technology innovation college, 2020
- Guiding students in Qiu Chengtong Middle School Science Award Competition, 2018/2020 (Golden Prize in Computer Science)

### **Teaching Assistant**

- Introduction to Computer,C language programming

## **Honors & Awards**

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- 2nd prize, University of Chinese Academy of Sciences Huawei Cup Artificial Intelligence Competition, University of Chinese Academy of Sciences,2017
- Outstanding Graduate of the year in Harbin Institute of Technology, Harbin Institute of Technology, 2017
- 1st prize, The 17th National Robot Tournament and the 6th International Humanoid Robot Olympics Competition, China,2015
- Honorable Mentions, Mathematical Contest in Modeling (MCM/ICM 2010), USA, 2013
- Winner of Game design contest, Harbin Institute of Technology, 2015
- 1st Grade Award of the Students' Scholarship for 5 times, Harbin Institute of Technology, 2013-2017