

Wang Zuoxu

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在读 | Objective: User experience study

EDUCATION

Nanyang Technological University Singapore

Jan 2017 - Oct 2020

PhD candidate Design and Human Factor School of Mechanical and Aerospace Engineering

Singapore

- GPA: 5.0 / 5.0
- Honors/Awards: NTU Research Scholarship (2017-2020)
- Relevant Coursework: Product design and development, Advanced Engineering Mathematics, Design & Analysis of Experiments.

Tianjin University

Jul 2012 - Jun 2016

Bachelor Industrial Design School of Mechanical Engineering

Tianjin

- GPA: : 3.73/ 4.0 (Top 1/29)
- Honors/Awards:
 - Wang Xuezhong Humanistic Education Fund(only one out of three hundred students in the school)(2014-2015)
 - Second Prize in Energy Conservation and Emission Reduction Social Practice and Science and Technology Competition (National-level)(2014)
 - Merit Student of Bomaik in Tianjin University(2013-2014)
 - Second Prize for Innovation Design Competition(2013)
 - Merit Student of Tianjin University(2012-2013)
- Relevant Coursework: Approaches to Industrial Design, Basics of Design Software, Human Ergonomics, Design Survey

PROFESSIONAL EXPERIENCE

Delta

Jan 2017 - Present

Researcher R&D

Singapore

- Junior researcher in project: Smart Commercialization
- In charge of the academic study about customer requirement management (CRM) in the context of Smart Product-service systems (Smart PSS)
- Established a comprehensive framework for the requirement management in Smart PSS, which covered the data collection, knowledge extraction, requirement elicitation and solution recommendation.
- Developed a data-driven approach for requirement elicitation which can integrate not only the user comments but also real-time product information as well as historical service records, improving the reliability of elicited requirements
- A conference paper has been published, a SCI journal and another conference paper have been under review.

LEADERSHIP EXPERIENCE

2018 Asia 7 Joint Design Workshop

Jul 2018 - Jul 2018

Organizer

Singapore

- Spearheaded organizational innovation, focused on identifying the comprehensive workshop process which improved the overall efficiency by t
- In charge of the design of materials, including the handout, banner, certificates, as well as the other useful information, making the workshop held smoothly and successfully
- Coordinated the work of the various departments under the whole workshop, e.g. photography and reception. A video of the workshop was produced.

The 4th Aslla Symposium in Korea

Jun 2018 - Jun 2018

Participant

Gangneung (East Seashore),
Gangwon Province, Korea

- Participated in the 4th Aslla Symposium in Korea with researchers who have HCI background from overseas universities, including Sungkyunkwan University from Korea, Nanyang Technological University from Singapore, Chiba University from Japan, University of Massachusetts Amherst from USA, University of California, Berkeley from USA and so on.
- Presented an academic poster and conducted oral defence about knowledge management in Smart Product-service system, earned the support of the majority of the professors.
- Coordinate with other students in the project workshop, proposed a novel physical-cyber-combined method of human-human communication for the aim of improving the efficiency of sentiment expression, which won the "most playful prize" in the symposium.

SKILLS, CERTIFICATIONS & OTHERS

- **Skills:** SPSS, Excel, PowerPoint (Proficient), Python
- **Languages:** English (CET-6, IELTS 6.5), Madarin (Native speaker)
- **Interests:** Erhu (Music College Level 10)