

# WENXIN WANG

## PERSONAL INFORMATION

Date of birth:	6-4-1984	Email:	<a href="mailto:wangwxzy@gmail.com">wangwxzy@gmail.com</a>
Availability:	immediate	LinkedIn:	<a href="/in/wenxin-zy-wang">/in/wenxin-zy-wang</a>
Telephone:	06 4159 9015	GitHub:	<a href="https://github.com/wenxinzwang">github.com/wenxinzwang</a>
Place:	Eindhoven	Portfolio:	<a href="https://wenxinzwang.github.io/">wenxinzwang.github.io/</a>
Nationality:	Chinese, with permanent Dutch resident permit		
Languages:	fluent English, basic Dutch, native Chinese		

## PROFESSIONAL SUMMARY

- Enthusiastic and experienced in user experience design and front-end development.
- Adept at user research, web design and development.
- Strong analytical skills and multidisciplinary background.

## HIGHLIGHTS OF SKILLS

- **Design:** human-centred design, user experience, statistical analysis.
- **Programming:** HTML(5), CSS(3), JavaScript, jQuery, PHP, SQL.
- **Software:** Photoshop, Illustrator, SPSS, Excel.

## EXPERIENCE

### PhD Researcher

05/2011 —

*Delft University of Technology and TNO*

Designing and evaluating a self-monitoring system for chronic patients to use at home, especially a website that provided feedback to patients.

- Designed, implemented (using HTML, CSS, JavaScript, and PHP), and tested various prototypes, focusing on the different user needs.
- Designed and conducted various user research, including interview, focus group, usability test, questionnaire survey, and expert review.
- Collected and analysed research data (both quantitative and qualitative).
- Developed a questionnaire to identify key factors that influence patients' acceptance of the system.
- Extracted patients' behaviour in log file database and analysed behavioural patterns.
- Collaborated with different stakeholders: physicians, (clinical) researchers, patients, and a project manager.
- Co-organized biannual meeting Zelfmanagement bij Nierpatiënten.

### Teaching Assistant (part-time)

04/2015 — 06/2015

*Delft University of Technology*

Guided students on developing a software in an agile way to analyse users' log data and thereby their behaviour. The teaching emphasized

- to collaborate within the team and the client, and
- to understand and meet the user needs.

**Teaching Assistant (part-time)**

02/2013 — 06/2013

*Delft University of Technology*

Guided students on developing a software in an agile way to present self-monitoring feedback to patients, so that they could respond properly. The teaching emphasized

- to collaborate within the team and the client,
- to understand and meet the user needs, and
- to support target behaviour.

**User-System Interaction Designer**

10/2009 — 09/2011

*Eindhoven University of Technology*

Practical work in user research and user-centred design.

- Laid solid theoretical foundation in research, design, and statistical methods.
- Worked in multi-disciplinary teams (psychology, design, and technology).
- Conducted various projects, such as a fitness feedback system, a TV remote control for kids, a canteen app to select meal, and a drinking record app.
- Helped organize CHI 2010 conference as a volunteer.

**Graduate Project in Biomedical Engineering**

02/2007 — 06/2007

*Zhejiang University, China*

Digitized text-based clinical guidelines to a Clinical Decision Support System (CDSS) with C#.

- Realized automatic interpreting clinical guideline text into a CDSS.
- Built a graphical interface for health professionals.
- Verified the feasibility with the example of diabetes diagnosis.
- Received the award "Excellent Thesis of Bachelor Degree".

## EDUCATION

<b>PhD in Computer Science</b>	<i>Delft University of Technology</i>	2011 —
<b>Post-MSc in User-System Interaction</b>	<i>Eindhoven University of Technology</i>	2009 — 2011
<b>MSc in Biomedical Engineering</b>	<i>Eindhoven University of Technology</i>	2007 — 2009
<b>BSc in Biomedical Engineering</b>	<i>Zhejiang University, China</i>	2002 — 2007
• Received "Outstanding Graduate Award".		

## MAIN PUBLICATIONS

**Wang W** et al. *How to Support Renal Transplant Patients with Self-Monitoring and Taking Appropriate Actions*, Interacting with Computers (submitted).

**Wang W** et al. *Guided or Factual Computer Support for Kidney Patients with Different Experience Levels and Medical Health Situations: Preferences and Usage*, Healthcare and Technology (submitted).

van Lint C L, **Wang W**, et al. *Self-Monitoring Kidney Function After Transplantation: the Reliability of Patient-Reported Data*, Journal of Medical Internet Research (in press).

**Wang W** et al. *Renal Transplant Patient Acceptance of a Self-management Support System*, BMC Medical Informatics and Decision Making, 17(1): 58 (2017).

## PERSONAL INTERESTS

Travel, reading (history and literature), child care, education, psychology