

Shuo-Hsiu HSU

July 20, 1976 Taiwanese

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website www.xocial.fr
portfolio www.xocial.fr/Portfolio/portfolio_HSU.zip
Ph.D www.xocial.fr/Portfolio/thesis.zip

Education

Ph.D in Computer Science (2006-2010)

Speciality: Information visualization & gestural interface design
/ Conservatoire National des Arts et Métiers, Paris, France

Master STIC (Master of Research), Conception of Multimedia Applications (2004-2005)

Speciality: Auditory interface design
/ Conservatoire National des Arts et Métiers, Paris, France

Master, Industrial Design (1998-2000)

Speciality: Interface design for speech recognition applications
/ National Taiwan University of Science and Technology (TaiwanTech), Taipei, Taiwan

Bachelor, Industrial Design (1994-1998)

Cum laude
/ Hua Fan University, Taipei, Taiwan

Professional experience

- Since Oct. 2010 **Interaction designer**
Service design web
Generativ, Paris, France
- Dec. 2006 - Dec. 2009 **Interaction designer / Research engineer**
Concept development of navigation interface
Orange Labs, Rennes, France
- 2002 - 2003 **Product designer**
AESIGN, Taipei, Taiwan
- 2000 - 2002 **Sergeant of logistic service** (Military service obligatory in Taiwan)
- Jan. - May 1999 **Research intern**
Philips Research in East Asia & NTUST, Taipei, Taiwan
- Sep. 1998 - Jan. 1999 **Research intern**
Philips Research UK & NTUST, Taipei, Taiwan
- 1997 - 1998 **Product designer**
Neway design, Taipei, Taiwan

Speciality

Design research
Interface design
Service design
Documentation of interface specification
Usability test
User study, planning and analysis
Visualisation of photos
Prototyping development

Language

French (read, written, oral)
English (read, written, oral)
Chinese (native language)

Computer Skills

2D : Illustrator, Photoshop, Coreldraw
3D : Autodesk/Alias
Web : Flash, Dreamweaver, ezPublish

Research projects

Ph.D Dissertation: Mobile interface design for navigating large corpus of images.
December 2006 - December 2009
/ Orange Labs, Rennes, France

Design of auditory progress bar and its application.

June - October 2005
/ CEDRIC-CNAM, Paris, France

Usability study of a multiuser speech interface for home entertainment system.

June 1999 - May 2000
/ Philips Research, Taipei, Taiwan

Application of speech recognition technology to consumer electronic appliances.

January 1999 - May 1999
/ Philips Research, Taipei, Taiwan

Usability testing of Philips mobile phone in Taiwan

March - September 1999
/ Philips Research, United Kingdom.

Design and planning of CETRA website

October 1998 - January 1999
/ China External Trade Development Council, Taiwan

Patents

Gesture Control for Navigating Multimedia Contents (Orange Labs 2007)

/ Shuo-Hsiu Hsu, Sylvie Jumpertz.

French patent number: N° FR2008051812
International application number US/China: N°12681,805 (ongoing)

RC With Speech Input Designation For Multiple Users (Philips Research 2000)

/ Jorg Yen, M. Y. Leu, Laurence Teai, Lin-Lin Chen, Jeng-Weei Lin, Wei-Lun Huang and Shuo-Hsiu Hsu.

International application number:
PCT/EP2001/007962

Awards

Design awards

2002 Honorable prize, computer graphics Competition/ CADesigner Magazine, Taiwan

2001 Honorable prize, international car design competition/ MIZUBISHI Motors Corporation, Taiwan

2000 Second prize, computer graphics competition/ CADesigner Magazine, Taiwan

2000 First prize, graphic spokesman design competition/ IBM, Taiwan

2000 Honorable prize, international bicycle design competition/ Taiwan Bicycle Industry R&D Center

1998 Honorable prize, future computer XC design competition / ACER, Taiwan

1997 Great prize, creativity design competition / Minister of Economic, Taiwan.

Scholarship

2006 Scholarship by Minister of Education, Taiwan

1999 & 1996 HO-CHENG corporation academic scholarship, Taiwan

1998 Scholarship by National Taiwan University of Science and Technology

1997, 1996 & 1995 Scholarship by Hau Fan university

Publications

C., Pillias, S.H., Hsu, P., Cubaud. (2013). Reading with a Digital Roll. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '13). ACM, New York, NY, USA.

S. H., Hsu, P., Cubaud, S., Jumpertz (2009). Phorigami: Visualization of digital photo collections by Origami Arts. In Proceedings of the fifth International Workshop of Design and Semantics of Form and Movement, DeSForM'09, Taipei, Taiwan

S.H., Hsu, P., Cubaud, S., Jumpertz (2009) Phorigami: A Photo browser based on méta-categorization and origami visualization. International conference on human-computer interaction, San Diego, USA

S.H., Hsu, S., Jumpertz, P., Cubaud (2008) A tangible interface for browsing digital photo collection. TEI'08: Proceedings of ACM TEI International conference on Tangible and Embedded Interaction, Bonn, Germany

S.H. Hsu, C., Le Prado, S., Natkin, C., Liard (2007). New type of Auditory Progress Bar: Exploration, Design and Evaluation. International conference on human-computer interaction, Beijing, China.

S. H., Hsu, L.L., Chen, Y.C., Chu (2001). Designing multiuser voice control interface for home entertainment systems. In C. Stephanidis (Ed.), Universal Access in HCI, New Orleans, USA.

S. H., Hsu, L. L., Chen, Y. C., Chu (2000). Usability study of a multiuser speech interface for home entertainment systems. UI 2000 Conference, Eindhoven, The Netherlands.