Cheng Guo

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School of Computing, Clemson University
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EDUCATION

Doctor of Philosophy in Human-Centered Computing   2014.08 - Present
Clemson University, Clemson, SC
Advised by Prof. Kelly Caine.

Master of Science in Information Science   2011.08 - 2013.05
University of Pittsburgh, Pittsburgh, PA

Bachelor of Business(Ecommerce)   2010.08 - 2011.07
Swinburne University of Technology, Melbourne, Australia

Bachelor of Management(E-business)   2007.09 - 2010.07
Nanjing University of Chinese Medicine, Nanjing, China

WORKING EXPERIENCE

Research Intern   **Verisign Labs**   2016.05 - 2016.08
Reston, VA
Mentored by Dr. Eric Osterweil.
Designed lab-based scenarios and surveys. Designed and ran a between-subjects design experiment on a large scale of users to study the impact of dotless domains on real-world users.

Visiting Researcher   Human-Computer Interaction Institute   2013.06 - 2014.05
Carnegie Mellon University, Pittsburgh, PA
Advised by Prof. Jennifer Mankoff.
Designed and conducted web surveys integrated with a search task using Java servlet. Applied Natural Language Processing technologies and Machine Learning models to the search task. Accomplished web log data analysis using Python and SPSS.

Web Developer Intern   **AthleteTrax**   2012.05 - 2012.08
Pittsburgh, PA
Used Ruby on Rails to build the first version of a web-based platform integrating scheduling, communication, data and form management into one application, which allowed both student athletes and athletic administrations to be successful on and off the playing field.

RESEARCH EXPERIENCE

AQA   School of Computing   2016 - present
Clemson University, Clemson, SC
Question & Answer sites (Q&A sites; e.g. Quora, Yahoo! Answers etc.) are playing an increasingly important role in information seeking and sharing. Askers and asnweres use different identities to participate in Question & Answer sites. They use their real names, pseudo-names or anonmyity to post questions and answers. Explored the relationship between content quality and identity.

mHealth   School of Computing   2014 - 2015
Clemson University, Clemson, SC
Patients want granular privacy control over health information in electronic medical records(EMR). Designed a mobile application to assess patients' desire for granular level privacy control over which personal health information should be shared, with whom, and for what purpose; and whether these preferences vary based on sensitivity of health information.

ChronicWeb   Human-Computer Interaction Institute   2013 - Present
Carnegie Mellon University, Pittsburgh, PA

Explored the impact of individual differences on trust in the context of information seeking behavior. Developed two scales to measure trust in websites and trust in forums.

TEACHING EXPERIENCE

Graduate Teaching Assistant   School of Computing   2015.01 - Present
Clemson University, Clemson, SC

Lab instructor and grader of *Introduction to Programming in C* and *Programming Methodology*. Grader of *Human and Computer Interaction* and *Fundamentals of Human-Centered Computing* .

PUBLICATIONS

Crawford, J., **Guo, C.**, Schroeder, J., Arriaga, R. & Mankoff, J. (2014). Is it a Question of Trust? How Search Preferences Influence Forum Use. *Proceedings of the 8th International Conference on Pervasive Computing Technologies for Healthcare.*(Acceptance Rate: 26%)

PAPERS UNDER REVIEW

Guo, C. & Caine, K. (2017). Anonymity in Questions & Answers about Health.

POSTERS

Kohn, S. & **Guo, C.** (2015). Hermes: A Patient-Facing Mobile Application for the Privacy-Enhanced Transfer of Electronic Health Records. *In Student "Mobile Health Applications for Consumers" Design Competition, International Symposium on Human Factors and Ergonomics in Health Care: Improving the outcomes.*

HONORS & AWARDS

Human Factors and Ergonomics Society Symposium mHealth Design Competition, April, 2015
- Won the 2015 Human Factors and Ergonomics Health Care Symposium "mHealth Applications for Consumers" Design Competition.
- $1,000 honorarium + complimentary registration.

STUDENT MENTORING
- Xiang 'Willy' Li | Clemson University | Undergraduate Student in Computer Science
- Tory Garland | Clemson University | Undergraduate Student in Landscape Architecture

SKILLS

Language: Chinese(native proficiency), English(professional working proficiency)
Programming: C, Java, Python
Web Technology: AJAX, CSS, Greasemonkey, (X)HTML, JavaScript, JSON, JQuery, JSP
                Ruby on Rails
Operating system: Android, Linux/Unix, MAC OS, Windows
Database: MySQL, SQL, SQL Server
Statistics: SPSS
Machine Learning: Weka
Methods: Experiment, Interface Design, Interaction Design, Interactive Prototyping, Interview,
                User-Centered Design, Usability Testing, Survey, Wireframing
UX Tools: Axure, Justinmind, Paper Prototyping, POP
Other: Latex