Hui Guo

website: https://hguo5.github.io/

1701 Gorman St. APT 205
Raleigh, NC, 27606
(919) 360-5662
hguo5@ncsu.edu

I am currently a PhD student in computer science at NC State University and will graduate in December 2020. My research interests are natural language processing, text mining, machine learning, and social computing.

EDUCATION

North Carolina State University
Jan, 2015 ~ Dec, 2020   *GPA 4.00*

PhD studies majoring computer science
East Carolina University
Aug, 2012 ~ May, 2014   *GPA 4.00*

Master of science in computer science
Tsinghua University
Aug, 2005 ~ July, 2009   *GPA 3.78*
Bachelor of Automation Engineering

EXPERIENCE

North Carolina State University, Raleigh, NC
— *Research Assistant*   JAN 2015-Present

Global Innovation, Ernst & Young, Palo Alto, CA — *AI Research Intern*   JUN 2018 - DEC 2018

East Carolina University, Greenville, NC — *Graduate Assistant*   AUG 2012 - MAY 2014

AWARDS

Computer Science Outstanding Research Award
NCSU, 2020
Computer Science Outstanding TA Award
NCSU, 2017
Robert Clifford Rogers Memorial Award in recognition of Outstanding Graduate Scholars
ECU, 2014
Awards for academic excellence.
Tsinghua University, 2005 & 2006

SKILLS

Programming languages: JAVA, C, Python, and willing to learn more
Others: TensorFlow, Keras, etc.

PUBLICATIONS

[C] *Caspar: Extracting and Synthesizing User Stories of Problems from App Reviews,* **ICSE 2020,** Hui Guo and Munindar P. Singh. [link] [pdf]

[C] *Elessar: Ethics in Norm-Aware Agents,* **AAMAS 2020,** Nirav Ajmeri, Hui Guo, Pradeep K. Murukannaiah, and Munindar P. Singh. [link] [pdf]

[C] *A Framework for Word Segmentation in Images using Density-based Clustering,* **CATA 2020,** Hui Guo and Qin Ding. [link] [pdf]

[J] *Çorba: Crowdsourcing to Obtain Requirements from Regulations and Breaches,* **EMSE,** Hui Guo, Özgür Kafalı, Anne-Liz Jeukeng, Laurie Williams, and Munindar P. Singh. **2019**. [link] [pdf]

[W] *Extraction of Natural Language Requirements from Breach Reports Using Event Inference,* **AIRE 2018,** Hui Guo, Özgür Kafalı, and Munindar P. Singh. [link] [pdf]

[C] *Robust Norm Emergence by Revealing and Reasoning about Context: Socially Intelligent Agents for Enhancing Privacy,* **IJCAI 2018,** Nirav Ajmeri, Hui Guo, Pradeep K. Murukannaiah, and Munindar P. Singh. [link] [pdf]

[J] *Designing Ethical Personal Agents,* **IEEE Internet Computing,** Nirav Ajmeri, Hui Guo, Pradeep K. Murukannaiah, and Munindar P. Singh. **2018**. [link] [pdf]

[J] *Teaching Crowdsourcing: An Experience Report,* **IEEE Internet Computing,** Hui Guo, Nirav Ajmeri, and Munindar P. Singh. **2018**. [link] [pdf]

[C] *Arnor: Modeling Social Intelligence via Norms to Engineer Privacy-Aware Personal Agents,* **AAMAS 2017,** Nirav Ajmeri, Pradeep K. Murukannaiah, Hui Guo, and Munindar P. Singh. [link] [pdf]

[C] *miRDiabetes: A microRNA-Diabetes Association Database Constructed by Classification on Literature,* **BICoB 2016,** Hui Guo and Qin Ding. [link] [pdf]

[J] *The Evolution of Photosynthesis in Chromist Algae through Serial Endosymbioses,* **Nature Communications,** John W. Stiller, John Schreiber, Jipei Yue, Hui Guo, Qin Ding, and Jinling Huang. **2012**. [link] [pdf]