

Hui Guo

PhD student in computer science at NC State University. My research interests are natural language processing, text mining, machine learning, and social computing. I am looking for 2020 summer internship opportunities.

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Raleigh, NC, 27606
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SKILLS

Programming languages: JAVA, C, C++, C#, JSP, ASP.NET, JavaScript, Python, R

Others: deeplearning4j, TensorFlow, NLTK, OpenNLP, Weka, Node.js, JQuery, AJAX

EDUCATION

North Carolina State University
Jan, 2015 ~ Present 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 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

PUBLICATIONS

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

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

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

[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**.

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

[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.

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

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

[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.

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

[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**.