

Daqing Hou, Clarkson University

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Clarkson University	
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a) Professional Preparation

Peking University	Beijing, P.R. China	Computer Science	BS 1992
Peking University	Beijing, P.R. China	Computer Science	MS 1995
University of Alberta	Edmonton, Canada	Computer Science	PhD 2004

b) Appointments

2006-present	Department of Electrical and Computer Engineering, Clarkson University, Potsdam NY: Associate Professor (2012-present), Assistant Professor (2006-2012)
2004-2006	Avra Software Lab. Inc., Edmonton, Canada: Alberta Ingenuity Industrial Associate (post-doctoral research)
1998-2006	Department of Computing Science, University of Alberta, Edmonton, Alberta, Canada: Sessional Lecturer (2006), Research Associate (2004), Graduate Research and Teaching Assistant (1998-2003)
1998	Japan Computer Research Inc., Dalian, P.R. China: Software Architect
1995-1997	China Construction Bank, Dalian, P.R. China: Software Engineer

c. 1) Relevant Publications (out of 50 peer-reviewed publications)

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1. Jiaju Huang, **Daqing Hou**, Stephanie Schuckers, Shambhu Upadhyaya: Effects of Text Filtering on Authentication Performance of Keystroke Biometrics. IEEE WIFS 2016. 6 pp.
 2. Jiaju Huang, **Daqing Hou**, Stephanie Schuckers, Zhenhao Hou: Effect of data size on performance of free-text keystroke authentication. IEEE ISBA 2015. 7 pp.
 3. Esra Vural, Jiaju Huang, **Daqing Hou**, Stephanie Schuckers: Shared research dataset to support development of keystroke authentication. IEEE IJCB 2014. 8 pp.
 4. **Daqing Hou**, Lingfeng Mo, "Content Categorization of API Discussions", IEEE ICSM 2013. 10 pp.
 5. Yingying Zhang, **Daqing Hou**, "Extracting Problematic API Features from Forum Discussions", IEEE ICPC 2013. 10 pp.

c. 2) Other Publications

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1. Chandan Raj Rupakheti, **Daqing Hou**, "Evaluating Forum Discussions to Inform the Design of an API Critic", IEEE ICPC 2012. 10 pp. (Also won *Best Tool Demo Award*)
 2. **Daqing Hou**, Lin Li, "Obstacles in Using Frameworks and APIs: An Exploratory Study of Programmers' Newsgroup Discussions", IEEE ICPC 2011. 10 pp.
 3. Muhammad Asaduzzaman, Chanchal Kumar Roy, Kevin A. Schneider, **Daqing Hou**: CSCC: Simple, Efficient, Context Sensitive Code Completion. IEEE ICSME 2014: 71-80.
 4. Patricia Jablonski, **Daqing Hou**, "CRen: A Tool for Tracking Copy-and-Paste Code Clones and Renaming Identifiers Consistently in the IDE", OOPSLA Eclipse Technology eXchange Workshop, 2007. 5 pp.

5. **Daqing Hou**, H. James Hoover, "Using SCL to Specify and Check Design Intent in Source Code", IEEE Transactions on Software Engineering, 32(6): 404-423, June 2006.

d) Synergistic Activities

NSF Panel Reviewer CISE Directorate

Program Committee Member for IEEE ICPC 2008/09/10/11/13/14, IEEE ICSM 2008/09/10/12/13/, IEEE ICSME 2014/15/16, IEEE WCRE 2007/20/11/12/13, IEEE SANER 14, IBM CASCON 2007/08/09/11/13/14/15/16, IWSC 2015/16, *reviewer* for WCRE 2005, IWPC 2005, CASCON 2002, Science of Programming (2009/15), IEEE Software (2008/09/15), STTT, JSME (2012/14/15), EMSE (13/15/16), TSE (2014/15/16)

University Committee Services *Chair* of the Software Engineering Curriculum Development Committee, *Member* of the Computer Science Graduate Admission Committee, Co-Director of Data Analytics Masters Degree Program, Director of Software Engineering Degree Program, Member of Faculty Senate, all at Clarkson University

Awards received: Dr. Hou received IEEE ICSME Best Paper Award Nomination in 2014, IEEE ICPC 2012 Best Tool Demo Award, IBM 2007 UIMA Innovation Award, IBM 2005 Eclipse Innovation Award, FS Chia Scholarship from University of Alberta (9/1998–8/2002), Outstanding Masters Thesis from Peking University (1995), and Guanghai Scholarship from Peking University (1991).

Courses Taught (2006-2016): Big Data Architecture, Information Visualization, Software Engineering Capstone Project (U. Alberta, Clarkson University), Introduction to Programming and Software Design, Software Engineering Fundamentals, GUI Design and HCI, Introduction to Database Management Systems, Program Analysis for Software Engineering, and Enterprise Computing (Web App Development)