

Daqing Hou

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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: Professor (2018-present), Associate Professor (2012-2018), 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 (undergraduate co-authors highlighted in *italic*)

1. *Christopher Murphy*, Jiaju Huang, Daqing Hou, Stephanie Schuckers: Shared dataset on natural human-computer interaction to support continuous authentication research. IJCB 2017: 525-530
2. Jiaju Huang, Daqing Hou, Stephanie Schuckers, *Timothy Law*, *Adam Sherwin*: Benchmarking keystroke authentication algorithms. WIFS 2017: 1-6
3. Muhammad Asaduzzaman, Chanchal K. Roy, Kevin A. Schneider, Daqing Hou: Recommending Framework Extension Examples. ICSME 2017: 456-466
4. Jiaju Huang, **Daqing Hou**, Stephanie Schuckers, *Zhenhao Hou*: Effect of data size on performance of free-text keystroke authentication. IEEE ISBA 2015. 7 pp.
5. Muhammad Asaduzzaman, Chanchal Kumar Roy, Kevin A. Schneider, **Daqing Hou**: CSCC: Simple, Efficient, Context Sensitive Code Completion. IEEE ICSME 2014: 71-80. *Best Paper Nomination*.

c. 2) Other Publications

1. Yingying Zhang, **Daqing Hou**, "Extracting Problematic API Features from Forum Discussions", IEEE ICPC 2013. 10 pp.
2. 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*)
3. **Daqing Hou**, Lin Li, "Obstacles in Using Frameworks and APIs: An Exploratory Study of Programmers' Newsgroup Discussions", IEEE ICPC 2011. 10 pp.

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, DoE Ad Hoc Reviewer

Program Committee Member for IEEE ICPC 2008/09/10/11/13/14/18, IEEE ICSM 2008/09/10/12/13/, IEEE ICSME 2014/15/16/18, IEEE WCRE 2007/20/11/12/13, IEEE SANER 14, IBM CASCON 2007/08/09/11/13/14/15/16/17, IWSC 2015/16/17/18, Science of Programming (2009/15), IEEE Software (2008/09/15), STTT, JSME (2012/14/15/18), EMSE (13/15/16/18), TSE (2014/15/16/17/18)

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 Facebook Secure the Internet Grant in 2018, 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 Guanghua Scholarship from Peking University (1991).

Courses Taught (2006-2018): 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)