

Yuede Ji

Gender: Male

Date of Birth: 16/03/1989

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Education

Ph. D. student of Computer Engineering,
Department of Electrical and Computer Engineering, George Washington University.
2015.9-2020.5 (expected)
Advised by Professor Hao Howie Huang
GPA 4.0/4.0 (current)

M.S. of Computer Science, College of Computer Science and Technology, Jilin University, China,
2012.9-2015.6
Major in Computer Systems and Architecture
Advised by Associate Professor Qiang Li
GPA 3.14/4.0

B.S. of Software Engineering, College of Software, Jilin University, China, 2008.9-2012.6
Member of ACM/ICPC contest team
GPA 3.01/4.0

Research Interests

My research interests are mainly in computer systems and architecture. Currently, I am researching on graph computation and GPU under the direction of Hao Howie Huang.

Publications

- **Yuede Ji**, Yukun He, Xinyang Jiang, Jian Cao, Qiang Li, Combating the evasion mechanisms of social bots, *Computers & Security*, Volume 58, May 2016, Pages 230-249
- **Yuede Ji**, Qiang Li, Yukun He, and Dong Guo. BotCatch: leveraging signature and behavior for bot detection. *Security and Communication Networks (SCN)*, 8(6): 952-969 (2015)
- **Yuede Ji**, Qiang Li, Yukun He, and Dong Guo. Overhead Analysis and Evaluation of Approaches to Host-based Bot Detection. *International Journal of Distributed Sensor Networks (IJDSN)*, 2015
- **Yuede Ji**, Yukun He, Xinyang Jiang, and Qiang Li. Towards Social Botnet Behavior Detecting in the End Host. 20th IEEE International Conference on Parallel and Distributed Systems (ICPADS 2014)
- **Yuede Ji**, Yukun He, Dewei Zhu, Qiang Li, and Dong Guo. A Multiprocess Mechanism of Evading Behavior-Based Bot Detection Approaches. *Information Security Practice and Experience*. Springer International Publishing, 2014: 75-89, (ISPEC 2014)

- **Yuede Ji**, Yukun He, Qiang Li, and Dong Guo. BotCatch: A Behavior and Signature Correlated Bot Detection Approach. High Performance Computing and Communications & 2013 IEEE International Conference on Embedded and Ubiquitous Computing, 2013 IEEE 10th International Conference on. IEEE, 2013: 1634-1639, (HPCC_EUC 2013)

Professional Activities

Reviewer

- Security and Communication Networks (SCN): 2016, 2015, 2014

External Reviewer

- IEEE Transaction on Parallel and Distributed System (IEEE TPDS): 2016

Work Experience

- 2015.9 - 2016.5, Graduate Research Assistant, George Washington University
- 2012.9 - 2015.6, Graduate Research Assistant, Jilin University
- 2011.7 - 2011.9, Software Engineer (Intern), Baidu, Inc. (Beijing, China)

Honors & Awards

Best Paper Award

- NPC 2014, 11th IFIP International Conference on Network and Parallel Computing

Scholarship and Recognitions

- **Outstanding Master's Thesis, Jilin University (2015)**
- Outstanding Graduates, Jilin University (2015)
- **National Scholarship for Graduate Students, Ministry of Education of the People's Republic of China (2014)**
- Scholarship for Outstanding Graduate Students, Meritorious Winner, Jilin University (2014)
- Honorary Title of Outstanding Graduate Students, Jilin University (2014)
- Full Tuition Fee Waiver Scholarship, Jilin University (2012-2015)
- Research Assistantship, Jilin University (2012-2015)
- Third Prize of Scholarship for Outstanding Students, Jilin University (2009-2012)
- Dongrong Prize of Scholarship for Outstanding Students, Jilin University (2011)
- First Prize of Technology Innovation, Jilin University (2010, 2011)

ACM-ICPC International Collegiate Programming Contest

- Bronze Medal (National Level) ACM/ICPC Asia Regional Contest Fuzhou Site 2010, Fuzhou University (10/2010)
- Bronze Medal (National Level) ACM/ICPC Asia Regional Contest Harbin Site 2010, Harbin Engineering University (09/2010)
- First Prize (Provincial Level) ACM/ICPC Jilin Province Contest 2010, Jilin University (05/2010)
- Third Prize (Provincial Level) ACM/ICPC Guangdong Province Contest 2010, Sun Yat-sen University (05/2010)
- Honorable Mention (National Level) ACM/ICPC Asia Regional Contest Wuhan Site 2009, Wuhan University (11/2009)

Mathematical Contest in Modeling (MCM)

- Meritorious Winner (Top 2% – 11%), MCM Competition Organizing Committee (04/2011)