

# FACULTY VITA

## 1. Name: JinoH Kim

## 2. Education

- Ph.D. in Computer Science, University of Minnesota, 2010
- M.S. in Computer Science, Inha University (Korea), 1994
- B.E. in Computer Science, Inha University (Korea), 1991

## 3. Academic experience

- Texas A&M University, Assistant Professor, 2012-present, full time
- Lock Haven University of Pennsylvania, Assistant Professor, 2011-2012, full time

## 4. Non-academic experience

- Lawrence Berkeley National Laboratory, Postdoctoral researcher, 2010-2011, full time
- ETRI, Senior researcher, 2001-2005, full time
- PaxComm Inc., senior researcher, 1999-2001, full time
- ETRI, Researcher, 1991-1999, full time

## 5. Certifications or professional registrations

None.

## 6. Current membership in professional organizations

- Member of ACM (Association for Computer Machinery)
- Member of IEEE (Institute of Electrical and Electronics Engineers)
- Member of SDPS (Society for Design and Process Science)
- Member of KSEA (Korean-American Scientists and Engineers Association)

## 7. Honors and awards

- Outstanding Contributions Award, SDPS 2014, Kuching, Malaysia, 2014.

## 8. Service activities

- Masters in CS Program, Coordinator
- CS Curriculum Committee, Co-chair
- CS Graduate Program Admission Committee, Member
- College Scholarship Committee, Member
- University Graduate Council, Member
- North Texas Federation Committee, Member

- Volunteer for math tutoring for undereducated students (intellichoice.org)

### 9. Selected publications (peer-reviewed since 2012)

- Donghwoon Kwon, Hyunjoo Kim, Jino Kim, Sang C. Suh, Ikkyun Kim, Kuinam J. Kim, “*A Survey of Deep Learning-based Network Anomaly Detection*,” Cluster Computing, Springer, In press
- Jino Kim, Alex Sim, Sang Suh, Ikkyun Kim, “*An Approach to Online Network Monitoring using Clustered Patterns*,” Accepted for the International Conference on Computing, Networking and Communications (ICNC 2017), Silicon Valley, CA, January 26-29, 2017 (acceptance rate: 29%)
- Jino Kim, Ilhwan Moon, Kyungil Lee, Sang C. Suh, and Ikkyun Kim, “*Scalable Security Event Aggregation for Situation Analysis*,” in proceedings of the IEEE BigDataService 2015, San Francisco, March 2015 (acceptance rate: 25%)
- Jerry Chou, Ting-Hsuan Lai, Jino Kim, Doron Rotem, “*Exploiting Replication for Energy-Aware Scheduling in Disk Storage Systems*,” IEEE Transactions on Parallel and Distributed Systems, Vol. 26, Issue 10, pp. 2734-2749, October 2015 (impact factor 2.17)
- Seonho Kim, Jino Kim, and Jon Weissman, “*A Security-Enabled Grid System for Distributed Data Mining*,” Journal of Grid Computing, Vol. 12, Issue 3, pp. 521-542, September 2014 (Corresponding author, impact factor 1.55)
- Jino Kim, Jerry Chou, and Doron Rotem, “*iPACS: Power-Aware Covering Sets for Energy Proportionality and Performance in Data Parallel Computing Clusters*,” Journal of Parallel and Distributed Computing, Vol. 74, Issue 1, pp.1762-1774, January 2014 (impact factor 1.97)
- Justin Tharp, Jino Kim, Sang C. Suh, Hyeonkoo Cho, “*Reconciling Multiple Matches for the Signature-Based Application Identification*,” Journal of Communications, Vol. 8, No. 12, pp. 883-892, December 2013 (Corresponding author)
- Jino Kim and Doron Rotem, “*FREP: Energy Proportionality for Disk Storage using Replication*,” Journal of Parallel and Distributed Computing, Volume 72, Issue 8, pp. 960-974, August 2012 (impact factor 1.97)

### 10. Briefly list the most recent professional development activities

- Selected for VFP (Visiting Faculty Program) faculty, Department of Energy, June 1 – August 7, 2015
- Participated in Scientists and Engineers Early Career Development (SEECD) Workshop hosted by KSEA, Atlanta, February 23-24, 2013