

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

- East Texas A&M University, Professor, 2024-present
- East Texas A&M University, Associate Professor, 2018-2024
- East Texas A&M University, Assistant Professor, 2012-2018
- Lock Haven University of PA, Assistant Professor, 2011-2012

4. Non-academic experience

- Silicon Valley Cybersecurity Institute, Affiliate faculty, 2021-present
- Lawrence Berkeley National Lab, Faculty scientist, 2019-present
- Lawrence Berkeley National Lab, Postdoctoral researcher, 2010-2011
- ETRI, Senior researcher, 2001-2005
- PaxComm Inc., Senior researcher, 1999-2001
- ETRI, Researcher, 1991-1999

5. Certifications or professional registrations

None.

6. Current membership in professional organizations

- Senior member of IEEE (Institute of Electrical and Electronics Engineers)
- Member of ACM (Association for Computer Machinery)
- Member of KSEA (Korean-American Scientists and Engineers Association)

7. Honors and awards

- Nominated for the Faculty Senate Award for Professional Excellence in Research – RSCA “Ceaseless Industry” Award, 2019, 2020, and 2024
- Annual Research Awards Research Mentors of the Year, 2022
- Best Paper Finalist, IEEE International Conference on Blockchain and Cryptocurrency (ICBC’21), May 2021
- Presidential GAR Initiative Award (AY22, AY23, AY24)
- Proposal Submission Incentive Award, 2020

- Nominated for the H.M. Lafferty Distinguished Faculty Award for Scholarship and Creative Activity, 2018 and 2020
- Outstanding Contributions Award, SDPS 2014, Kuching, Malaysia, 2014.

8. Service activities

- Academic services:
 - CS Graduate Advisor
 - CS Graduate & Scholarship Admission Committee (Chair)
 - CS T&P Committee (Chair)
 - CS Curriculum Committee (Co-Chair)
 - College Scholarship Committee (Member)
 - University Graduate Council (Member)
- Professional services:
 - Editorial board: International Journal of Big Data Intelligence (2020-2021)
 - Conference organizing committee: ACM WATCH (2025), ACM SNTA (2018-2024), IFIP WAIN (2021), UKC/CIT (2018)
 - Conference program committee (active): IEEE BigDataService (2018-present), IEEE LCN (2022- present), IEEE ICMLA (2023-present), IEEE SVCC (2020- present)
 - NSF panel review: NSF Computer Systems Research (2020)

9. Selected publications

- Mincheol Shin, Sang-Yoon Chang, Jonghyun Kim, Kyungmin Park, Jinoh Kim, “Trajectory-Driven Deep Learning for UAV Location Integrity Checks,” IEEE Access, November 2024
- Chiho Kim, Sang-Yoon Chang, Jonghyun Kim, Dongeun Lee, Jinoh Kim, “Automated, Reliable Zero-day Malware Detection based on Autoencoding Architecture,” IEEE Transactions on Network and Service Management (TNSM), Vol. 20, Issue. 3, pp. 3900–3914, September 2023
- Jinoh Kim, Makiya Nakashima, Wenjun Fan, Simeon Wuthier, Xiaobo Zhou, Ikkyun Kim, Sang-Yoon Chan, “A Machine Learning Approach to Anomaly Detection based on Traffic Monitoring for Secure Blockchain Networking,” IEEE Transactions on Network and Service Management (TNSM), Vol. 19, No. 3, pp. 3619–3632, September 2022
- Minji Kim, Dongeun Lee, Kookjin Lee, Doowon Kim, Sangman Lee, Jinoh Kim, “Deep Sequence Models for Packet Stream Analysis and Early Decisions,” In Proceedings of the IEEE 47th Conference on Local Computer Networks (LCN’22), Edmonton, Canada, September 2022
- Makiya Nakashima, Alex Sim, Youngsoo Kim, Jonghyun Kim, Jinoh Kim, “Automated Feature Selection for Anomaly Detection in Network Traffic Data,” ACM Transactions on Management Information Systems (TMIS), Vol. 12, No. 3, pp. 1-28, June 2021