Curriculum Vita
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Instructor: Jinoh Kim, Professor
Academic Department: Computer Science & Information Systems

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EDUCATION

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

TEACHING 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

PUBLICATIONS

- Shin, M., Chang, S. Y., Kim, J., Park, K., & Kim, J. (2024). Trajectory-Driven Deep Learning for UAV Location Integrity Checks. *IEEE Access*.
- Kim, C., Chang, S. Y., Kim, J., Lee, D., & Kim, J. (2023). Automated, reliable zero-day malware detection based on autoencoding architecture. *IEEE Transactions on Network and Service Management*, *20*(3), 3900-3914.
- Kim, C., Chang, S. Y., Kim, J., & Kim, J. (2023, December). An Empirical Evaluation of Autoencoding-Based Location Spoofing Detection. In *2023 International Conference on Machine Learning and Applications (ICMLA)* (pp. 574-579). IEEE.
- Kim, J., Nakashima, M., Fan, W., Wuthier, S., Zhou, X., Kim, I., & Chang, S. Y. (2022). A machine learning approach to anomaly detection based on traffic

monitoring for secure blockchain networking. *IEEE Transactions on Network and Service Management*, *19*(3), 3619-3632.

- Kim, M., Lee, D., Lee, K., Kim, D., Lee, S., & Kim, J. (2022, September). Deep sequence models for packet stream analysis and early decisions. In *2022 IEEE 47th Conference on Local Computer Networks (LCN)* (pp. 56-63). IEEE.
- Nakashima, M., Sim, A., Kim, Y., Kim, J., & Kim, J. (2021). Automated feature selection for anomaly detection in network traffic data. *ACM Transactions on Management Information Systems (TMIS)*, *12*(3), 1-28.
- Kim, J., Sim, A., Tierney, B., Suh, S., & Kim, I. (2019). Multivariate network traffic analysis using clustered patterns. *Computing*, *101*(4), 339-361.

RESEARCH GRANTS AND AWARDS

- 10/2025-09/2027, Deep Analytics Framework for Location Integrity and Awareness for Reliable UAV-assisted Operations, NSF, $198,583.
- 04/2021–12/2024, 6G Flying Base Stations Security, Subaward by University of Colorado Colorado Springs, $144,617.
- 05/2017–11/2019, Intelligent Analysis Technology of Abnormal Network Traffic on Cloud Environment, ETRI, $141,000.
- 09/2012–04/2015, Network Traffic Classification, its Implementation and Benchmarking, Sysmate Inc., $193,723.
- 06/2013-02/2015, Big-data Computing Platforms for Security Event Analysis, ETRI, $122,000.