

DAFTAR PUSTAKA

- [1] Bangunm, DK., “Keamanan Siber dan Kebutuhan Sistem Digital Di Dunia Maya”, 15 Juli 2024 Accessed: Nov. 30, 2024. [Online]. Available: <https://www.kemhan.go.id/pothan/2024/07/15/keamanan-siber-dan-kebutuhan-sistem-digital-di-dunia-maya.html>
- [2] Kim, J., & Solomon, M. (2018). *Fundamentals of Information Systems Security*. Jones & Bartlett Learning.
- [3] Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., ... & Polosukhin, I. (2017). Attention is All You Need. *Advances in Neural Information Processing Systems (NeurIPS)*, 30.
- [4] Howard, J., & Ruder, S. (2018). Universal Language Model Fine-tuning for Text Classification. *arXiv preprint arXiv:1801.06146*.
- [5] Zargar, S. T., Joshi, J., & Tipper, D. (2013). A survey of defense mechanisms against distributed denial of service (DDoS) flooding attacks. *IEEE Communications Surveys & Tutorials*, 15(4), 2046–2069.
- [6] Mirkovic, J., & Reiher, P. (2005). A taxonomy of DDoS attack and DDoS defense mechanisms. *ACM SIGCOMM Computer Communication Review*, 34(2), 39–53.
- [7] Jafarian, J. H., Al-Shaer, E., & Duan, Q. (2015). OpenFlow random host mutation: Transparent moving target defense using software defined networking. *Proceedings of the First Workshop on Hot Topics in Software Defined Networks*, 127–132.
- [8] Halfond, W. G., Viegas, J., & Orso, A. (2006). A classification of SQL-injection attacks and countermeasures. *Proceedings of the IEEE International Symposium on Secure Software Engineering*.
- [9] Clarke, J. (2009). *SQL Injection Attacks and Defense*. Syngress.
- [10] Thomas, S., Sharma, M., & Makwana, P. (2015). Detection and prevention of SQL injection attack using pattern matching algorithm. *Procedia Computer Science*, 45, 370–375.
- [11] J. Devlin, M.-W. Chang, K. Lee, K. Toutanova, “BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding,” *NAACL-HLT*, pp. 4171–4186, 2019.
- [12] Howard, J., & Ruder, S. (2018). Universal Language Model Fine-tuning for Text Classification. In *ACL*. <https://arxiv.org/abs/1801.06146>
- [13] Devlin, J., Chang, M.-W., Lee, K., & Toutanova, K. (2018). "BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding." *arXiv preprint arXiv:1810.04805*.
- [14] Brown, T., Mann, B., Ryder, N., Subbiah, M., Kaplan, J. D., Dhariwal, P., ... & Amodei, D. (2020). Language Models are Few-Shot Learners. *Advances in Neural Information Processing Systems (NeurIPS)*, 33, 1877-1901.

- [15] J. Yang, X. Jiang, Y. Lei, W. Liang, Z. Ma and S. Li, "MTSecurity: Privacy-Preserving Malicious Traffic Classification Using Graph Neural Network and Transformer," in *IEEE Transactions on Network and Service Management*, vol. 21, no. 3, pp. 3583-3597, June 2024, doi: 10.1109/TNSM.2024.3383851.
- [16] Alshamrani, A., Myneni, S., Chowdhary, A., & Huang, D. (2020). A Survey on Advanced Persistent Threats: Techniques, Solutions, Challenges, and Research Opportunities. *IEEE Communications Surveys & Tutorials*, 21(2), 1851–1877. <https://doi.org/10.1109/COMST.2019.2957221>
- [17] Weiss, K., Khoshgoftaar, T. M., & Wang, D. (2016). A survey of transfer learning. *Journal of Big Data*, 3(1), 1-40.
- [18] Abdel-Basset, M., Mohamed, R., & Chakraborty, R. K. (2021). Deep learning models for cybersecurity: A comparative study. *IEEE Access*, 9, 131175–131193. <https://doi.org/10.1109/ACCESS.2021.3113730>
- [19] Torfi, A., Shirvani, R. A., Keneshloo, Y., Tavaf, N., & Fox, E. A. (2020). Natural Language Processing Advancements By Deep Learning: A Survey. *arXiv preprint arXiv:2003.01200*.
- [20] Pan, S. J., & Yang, Q. (2010). A survey on transfer learning. *IEEE Transactions on Knowledge and Data Engineering*, 22(10), 1345-1359.
- [21] Liu, Y., Ott, M., Goyal, N., Du, J., Joshi, M., Chen, D., ... & Stoyanov, V. (2019). RoBERTa: A Robustly Optimized BERT Pretraining Approach. *arXiv preprint arXiv:1907.11692*. <https://arxiv.org/abs/1907.11692>
- [22] Zhou, T., Wang, H., & Li, J. (2021). Cyber Attack Detection using Pre-trained Transformer Models. *Journal of Cybersecurity*, 5(2), 112-126.
- [23] C. E. Metz, "Basic principles of ROC analysis," in *Seminars in nuclear medicine*, 1978, vol. 8, no. 4, pp.283–298.
- [24] Y. Sasaki, "The truth of the F-measure," *Teach Tutor mater*, vol. 1, no. 5, pp. 15, 2007.
- [25] A. Rahali and M. A. Akhloufi, "MalBERT: Malware Detection using Bidirectional Encoder Representations from Transformers," 2021 IEEE International Conference on Systems, Man, and Cybernetics (SMC), Melbourne, Australia, 2021, pp. 3226-3231, doi: 10.1109/SMC52423.2021.9659287
- [26] Pan, S. J., & Yang, Q. (2010). A Survey on Transfer Learning. *IEEE Transactions on Knowledge and Data Engineering*, 22(10), 1345-1359.
- [27] Zhou, Y., Wang, X., & Li, J. (2021). Cybersecurity Threat Detection Using Transfer Learning with Pretrained Language Models. *Journal of Computer Security*, 29(2), 215-230.
- [28] Radford, A., Wu, J., Child, R., Luan, D., Amodei, D., & Sutskever, I. (2019). Language Models are Few-Shot Learners. OpenAI.
- [29] B. Gogoi and T. Ahmed, "Phishing and Fraudulent Email Detection through Transfer Learning using pretrained transformer models," 2022 IEEE 19th India Council International Conference (INDICON), Kochi, India, 2022, pp. 1-6, doi: 10.1109/INDICON56171.2022.10040097.

- [30] H. Alamro et al., "Modeling of Bayesian-Based Optimized Transfer Learning Model for Cyber-Attack Detection in Internet of Things Assisted Resource Constrained Systems," in *IEEE Access*, vol. 12, pp. 177298-177311, 2024, doi: 10.1109/ACCESS.2024.3482876.
- [31] N. Q. Do, A. Selamat, K. C. Lim, O. Krejcar and N. A. M. Ghani, "Transformer-Based Model for Malicious URL Classification," 2023 *IEEE International Conference on Computing (ICOCO)*, Langkawi, Malaysia, 2023, pp. 323-327, doi: 10.1109/ICOCO59262.2023.10397705.
- [32] OWASP Foundation, "OWASP Top 10 - Injection," [Online]. Available: <https://owasp.org/www-project-top-ten/>, 2023.
- [33] Cloudflare Inc., "Cloudflare DDoS Threat Report," 2023. [Online]. Available: <https://www.cloudflare.com/ddos/>
- [34] Liu, Y., Ott, M., Goyal, N., Du, J., Joshi, M., Chen, D., ... & Stoyanov, V. (2019). RoBERTa: A Robustly Optimized BERT Pretraining Approach. arXiv preprint arXiv:1907.11692.