Elliot Kojo Attipoe

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RESEARCH

Interests: Artificial Intelligence · Machine Learning · Data Analytics

Areas: Artificial Intelligence · Information Systems · Developmental and Educational Psychology · Education · Computer Science Applications · Computer Vision and Pattern Recognition

RESEARCH SUMMARY

12	27	3	0	0.95	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 12 publications listed below, 2013–2026. Field-weighted impact is the mean over the 9 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 9 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Lecturer 2012–present
Computer Science and Information Technology, University of Cape Coast, Cape Coast, Ghana

EDUCATION AND QUALIFICATIONS

Cranfield University
Cranfield, United Kingdom

PUBLICATIONS

Journal articles 10

1. **EK Attipoe**, AS Yussiff, Maame Gyamfua Asante-Mensah, ED Tetteh, RE Turkson (2025). An ensemble learning approach for diabetes prediction using the stacking method. *Computer Science and Information Technologies*. http://iaesprime.com/index.php/csit/article/view/482
2. Sayibu Abdul-Gafaar, **EK Attipoe**, Daniel Kwaku Anhwere (2025). Assessing the effectiveness of the LMS in enhancing academic performance across year groups at UCC: A cross-sectional study of level 200 to level 400 students. Creative …. *Education*. https://www.scirp.net/pdf/ce_6308765.pdf
3. Alimatu-Saadia Yussiff, Regina E Turkson, Enoch A Frimpong, Alimatu-Saadia Yussif, Daniel A Asante, **Elliot Attipoe** (2025). Bcrypt-Based Optimized Password Hashing Against Targeted Internet of Things Attacks. *Cureus Journal of Computer Science.*. https://doi.org/10.7759/s44389-025-05167-y
4. Rudolf Anyoka Nyaaba, **Elliot Kojo Attipoe**, Daniel Kwaku Anhwere, Abdul-Gafaar Sayibu, Addai Okyere Darko (2025). Comparative Analysis of Student Performance Using Learning Management Systems (LMS) and Traditional Teaching Methods in Academic Tasks: A Case Study of the University of Cape Coast (UCC). *Creative Education*. https://doi.org/10.4236/ce.2025.161007
5. Edem Ahialey, Regina E Turkson, Abdul-Lateef Yussif, Enoch A Frimpong, **Elliot Attipoe**, Emmanuel D Tetteh (2025). Hybrid Encryption Models for Optimal Balance of Security, Scalability, and Computational Efficiency in Cloud Computing. *Cureus Journal of Computer Science.*. https://doi.org/10.7759/s44389-025-05146-3

6. Daniel Kweku Anhwere, **Elliot Kojo Attipoe**, Abdul-Gafaar Sayibu, Rudolf Anyoka Nyaaba, Addai Okyere-Darko (2025). Impact of Year-Level Progression on Students' Performance: A Longitudinal Study of LMS Effectiveness at University of Cape Coast (UCC). *Creative Education*. https://doi.org/10.4236/ce.2025.163027
7. Richard Kobina Arkaifie, Moses Setiga, Sayibu Abdul-Gafaar, **Elliot Kojo Attipoe**, Alex Osei-Gyasi (2025). Is Integrated Convenience the New Security King? Evaluating the UniFi EFG's Challenge to FortiGate's Enterprise Dominance in the African Context: Lessons from the University of Cape Coast. *Journal of Information and Technology*. https://doi.org/10.70619/vol5iss13pp14-31-713
8. D. B. Angnuureng, G. Amankona, E. K. Brempong, **E. Attipoe** (2022). Short-term effect of sea defense on shoreline and wave variability in Elmina Bay, Ghana. *Journal of Coastal Conservation*. https://doi.org/10.1007/s11852-022-00906-y
9. Charles Roland Haruna, **Elliot Attipoe**, Isaac Armah Mensah, Kwame Opuni-Boachie Obour Agyekum (2022). Using Random Scheduling Technique with Crowd-Sourcing to Solve Exam Timetable. *International Journal of Computer Applications*. https://doi.org/10.5120/ijca2022921928
10. **Elliot Kojo Attipoe** (2013). End User's Perception about Security of the Public Wireless Network. *International Journal of Societal Applications of Computer Science*. https://www.researchgate.net/profile/Elliot-Attipoe/publication/358729487_End_User's_Perception_about_Security_of_the_Public_Wireless_Network/links/6211419808bee946f38ec598/End-Users-Perception-about-Security-of-the-Public-Wireless-Network.pdf

Conference papers 2

1. **Elliot Kojo Attipoe**, Charles Roland Haruna, Johnson Logodzo (2026). A Comparative Study of Machine Learning Algorithms for Predicting High-School Student Performance. *Lecture notes in networks and systems*. https://doi.org/10.1007/978-3-032-19678-1_30
2. **Elliot Kojo Attipoe**, Alimatu Saadia Yussiff, Maame Gyamfua Asante-Mensah (2024). A Comparative Analysis of Machine Learning Classification Algorithms for Cardiovascular Disease Prediction. *2024 IEEE 9th International Conference on Adaptive Science and Technology (ICAST)*. https://doi.org/10.1109/icast61769.2024.10856496