Intellectual Contributions

College of Computing and Software Engineering
Kennesaw State University
January 1, 2023 - December 31, 2023

Department of Computer Science

Aygun, Ramazan (Associate Professor)

Book Chapters

Book, Chapter in Scholarly Book-New (Accepted)

Boyapati, M., Aygun, R. (in press). Explainable Machine Learning for Default Prediction on Commercial Credit Big Data Using Graph-based Variable Clustering. *ENCYCLOPEDIA WITH SEMANTIC COMPUTING AND ROBOTIC INTELLIGENCE*.

Conference Proceeding (Published)

Rogers, J., Aygun, R., Etzkorn, L. (2023). *Detection of Semantic Duplicates in Temporal Domains Using Directed Acyclic Graphs*. 2023 IEEE SoutheastCon.Peer Review - Refereed

Conference Proceeding (Published)

Don, D. R., Aygun, R., Karakaya, M. (2023). *A Multistage Framework for Detection of Very Small Objects*. 2023 The 6th International Conference on Machine Vision and Applications (ICMVA 2023).Peer Review - Refereed

Conference Proceeding (Published)

Boyapati, M., Aygun, R. (2023). *Phishing Web Page Detection Using Web Scraping*. 2023 IEEE SoutheastCon.Peer Review - Refereed

Conference Proceeding (Published)

Boyapati, M., Aygun, R. (2023). *Default Prediction on Commercial Credit Big Data Using Graph-based Variable Clustering*. 2023 IEEE International Conference on Semantic Computing (short paper).Peer Review - Refereed

Conference Proceeding (Published)

Karakaya, M., Aygun, R. (2023). *Retinal Biomarkers for Detecting Diabetic Retinopathy Using Smartphone-Based Deep Learning Frameworks*. IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2023).Peer Review - Refereed

Conference Proceeding (Accepted)

Patel, A., Aygun, R. (in press). *Functional Validation of Supervised Learning Tasks for Reproducible Machine Learning*. ICSC 2024 (IEEE International Conference on Semantic Computing).Peer Review - Refereed

Conference Proceeding (Accepted)

Boyapati, M., Aygun, R. (in press). *Semanformer: Semantics-aware Embedding Dimensionality Reduction Using Transformer-Based Models*. ICSC 2024 (IEEE International Conference on Semantic Computing).Peer Review - Refereed

Conference Proceeding (Accepted)

Mhatre, j., Lee, A., Lee, H. L., Aygun, R. (in press). *Design and Implementation of Multithreaded CAD-enabled LoRa Simulator for Massive IoT*. IMCOM 2024.Peer Review - Refereed

Cetinkaya, Coskun (Professor)

Conference Proceedings

Conference Proceeding (Published)

Zhuang, Y., Liu, H., Song, E., Cetinkaya, C., Hung, C.-C. (2023). *An Unpaired Cross-modality Segmentation Framework Using Data Augmentation and Hybrid Convolutional Networks for Segmenting Vestibular Schwannoma and Cochlea*. Vancour: International Conference on Medical Image Computing and Computer Assisted Intervention.Peer Review - Refereed

Choi, Arthur Y. (Assistant Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)

Nadendla, B. S., Deng, B., Lo, D. C.-T. (in press). *A LUT-based Fixed-Modulo Architecture for Efficient Multipliers of Residue Number System*. 13th International Conference on Information and Electronics Engineering.Peer Review - Refereed

Conference Proceeding (Accepted)   *forodcep(tio)9(r)8cps(S)-4(*
Deng, B., Zha792 r:542 reBteALo, D. C.

Journal Article, Academic Journal (Published)
Fang, M., Peng, S., Liang, Y., Hung, C.-C., Liu, S. (2023). A Multimodal Fusion Model with Multi-level Attention Mechanism for Depression Detection. *Biomedical Signal Processing and Control by Elsevier, 82*, ., https://www.sciencedirect.com/science/article/abs/pii/S1746809422010151Peer Review - Refereed

Journal Article, Professional Journal (Published)
Liu, H., Zhuang, Y., Song, E., Xu, X., Ma, G., Cetinkaya, C., Hung, C.-C. (2023). A Modality-collaborative Convolution and Transformer Hybrid Network for Unpaired Multi-modal Medical Image Segmentation with ePli+ed Aonnt915(tio)6(n)s2(.)-21.

Conference Proceedings

Conference Proceeding (Published)
Islam, R. (2023). *LiteVR: Interpretable and Lightweight Cybersickness Detection using Explainable AI.*Peer Review - Refereed

Conference Proceeding (Accepted)
Islam, J., Islam, R. (2024). *Towards Optimized Cybersickness Prediction for Computationally Constrained Standalone Virtual Reality Devices*

Published Abstract (Published)
Ehme, M., Chester, M., Molinari, K., Khan, M. A. A. H. (2023). *Passage Re-Ranking in Live QA NLP Pipelines with BERT*. KSU Fall 2023 Symposium.Editorial Review

Published Abstract (Published)
Gueye, I., Azmee, A. A., Khan, M. A. A. H. (2023). *Predicting Malware attacks with the help of Machine Learning*. National Conference for Undergraduate Research (NCUR 2023).Peer Review - Refereed

Published Abstract (Published)
Dargan, C., Khan, M. A. A. H. (2023). *Thought To Text: An EEG Driven Approach for Predicting Letters*. Marietta, Georgia: KSU Student Symposium (Fall 2023).Peer Review - Refereed

Published Abstract (Published)
Solon, B., Khan, M. A. A. H. (2023). *Toxic Comment Classification Project*

Published Abstract (Published)
Phillip, B., Khan, M. A. A. H. (2023). *Using Vector Semantics to Generate Human Readable Text Summaries and Keywords*. Marietta, Georgia: KSU Student Symposium (Fall 2023).Peer Review - Refereed

Published Abstract (Published)
Walker, J., Murikipudi, M., Khan, M. A. A. H. (2023). *Vicon sensed Post-strok0091bmeVbstraco-*

Published Abstract (Published)
Murikipudi, M., Azmee, A. A., Khan, M. A. A. H. (2023). In DigitalCommons@Kennesaw State

https://digitalcommons.kennesaw.edu/undergradsymposiumksu/spring2023/presentation
s/113/Editorial Review

Published Abstract (Published)
Reminisetty, K. G., Khan, M. A. A. H. (2023). In DigitalCommons@Kennesaw State
University (Ed.), *Net Hourly Electrical Power Output Prediction in a Combined Cycle
Power Plant (CCPP) Krishna Gopi Reminisetty*. Student Symposium --
DigitalCommons@Kennesaw State University.
https://digitalcommons.kennesaw.edu/undergradsymposiumksu/spring2023/presentation
s/62/Editorial Review

Published Abstract (Published)
Gueye, I., Azmee, A. A., Wishart, B., Khan, M. A. A. H. (2023). *Predicting Malware Attacks
with The Help of Machine Learning*. Student Symposium -- DigitalCommons@Kennesaw
State University.
https://digitalcommons.kennesaw.edu/undergradsymposiumksu/spring2023/presentation
s/148/Editorial Review

Published Abstract (Published)
Hillhouse, K., Walker, J., Murikipudi, M., Khan, M. A. A. H. (2023). *Using NLP-based RCNN
to Detect Suicide Indicators in Social Media Posts: A Proactive Approach to Lowering
Suicide Rates*. Student Symposium -- DigitalCommons@Kennesaw State University.
https://digitalcommons.kennesaw.edu/undergradsymposiumksu/spring2023/presentation
s/119/Editorial Review

Published Abstract (Published)
Wishart, B., Azmee, A. A., Khan, M. A. A. H. (2023). *Identifying Mental Health Issues from
Social Media using Machine Learning*. National Conference for Undergraduate Research
(NCUR 2023).Peer Review - Refereed

Lee, Ahyoung (Assistant Professor)

Refereed Journal Articles

Journal Article, Professional Journal (Published)

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Conference Proceedings

Conference Proceeding (Published)
Harbin, A., Baldwin, K., Mhatre, J., Lee, A., Lee, H. L. (2023). *Machine Learning Load Balancing Algorithms in SDN-enabled Massive IoT Networks*. The IEEE 42nd International Performance Computing and Communications Conference (IPCCC 2023).Peer Review - Refereed

Conference Proceeding (Published)
Mhatre, J., Lee, A. (2023). *MP-DDPG: Optimal Latency-Energy DynamicOffloading Scheme in Collaborative Cloud Networks*. The 38th ACM/SIGAPP Symposium On Applied Computing (ACM SAC 2023). https://www.sigapp.org/sac/sac2023/index.htmlPeer Review - Refereed

Conference Proceeding (Accepted)
Lee, H. L., Lee, A. (in press). *Omnidirectional Beamsteering Array Antenna using Renewable Energy for Sustainable Remote Powering of IoT Devices for Continuous Monitoring*. The IEEE Conference on Standards for Communications and Networking (CSCN 2023).Peer Review - Refereed

Conference Proceeding (Accepted)
Mhatre, J., Lee, A., Lee, H. L. (in press). *Frequency Hopping Scheduling Algorithm in Green LoRaWAN: Reinforcement Learning Approach*. IEEE Conference on Standards for Communications and Networking (CSCN 2023).Peer Review - Refereed

Conference Proceeding (Accepted)
Mhatre, j., Lee, A., Lee, H. L., Aygun, R. (in press). *Design and Implementation of Multithreaded CAD-enabled LoRa Simulator for Massive IoT*. IMCOM 2024.Peer Review - Refereed

Lee, Sanghoon (Assistant Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Youn, S., Ball, A., Fulks, C., Lee, S., Na, S. (2023). Effects of activated carbon on the compressive strength of Portland cement concrete. *GEOMECHANICS AND ENGINEERING*(33(1)), 19-27, ., Impact Factor: 3.201Peer Review - Refereed

Journal Article, Academic Journal (Published)
Na, S., Oruc, A., Fulks, C., Adaula, F A(.,)-1(e)6(e)6(,)6(H)-2(.)-21(L6(r)8((e)6(e)6(,n)6(,)6(S)-7(.,)6(B)-4(a)6

Lo, D. C.-T., Deng, B., Shi, Y. (2023). *Deep Machine Learning on Segmenting and*

Conference Proceeding (Published)
William, F. (2023). *Introductory Studies on Raga Multi-track Music Generation of Indian classical music using AI*. AIMC 2023 Proceedings. https://aimc2023.pubpub.org/pub/4pcwrxuo/release/2Peer Review - Refereed

Parakh, Abhishek (Associate Professor)

Conference Proceedings

Conference Proceeding (Published)
Mallipeddi, R., Schaaf, C., Subramaniam, M., Parakh, A., Weitl-Harms, S. (2023). *A Framework for an Intelligent Adaptive Education Platform for Quantum Cybersecurity*. 2023 IEEE Frontiers in Education Conference (IEEE FIE 2023).Peer Review - Refereed

Conference Proceeding (Published)
Bommanapally, V., Subramaniam, M., Parakh, A. (2023). *Embedding a Problem Graph into Serious Games for Efficient Traversal Through Game Space*. 2023 IEEE Frontiers in Education Conference (IEEE FIE 2023).Peer Review - Refereed

Pei, Yong (Professor)

Conference Proceedings

Conference Proceeding (Published)
Brown, M., Khan, M. A. A. H., Thomas, D., Pei, Y., Nandan, M. (2023). *Detection of Behavioral Health Cases from Sensitive Police Officer Narratives*. IEEE Compsac DIGI-HEALTH 2023.Peer Review - Refereed

Conference Proceeding (Accepted)
Azmee, A. A., Brown, M., Khan, M. A. A. H., Thomas, D., Pei, Y., Nandan, M. (2023). *Domain-Enhanced Attention Enabled Deep Network for Behavioral Health Identification from 911 Narratives*. IEEE Bigdata: 9th Special Session on Intelligent Data Mining.Peer Review - Refereed

Shaw, Alan (Associate Professor)

Book Chapters

Book, Chapter in Scholarly Book-New (Published)
Ù@æ ÊÂ£Â̂Ô¦[{ àà̃ ÊÝ Ê½Ç€€ÐÊÚ¦[çãã̃ * ÁæÂÚ|æ̂ã̃ *Á̃Ø̃\å+̃ÍÇ̰;Á̃O] ã c^{ ̂&ÁÚ|æ̂*¦[ˇ}åÊẪæÁ Sandbox, and the Algebra Project 5-Step Curricular Process. In Olga S. Jarrett, Vera L Stenhouse, Michael M. Patte, John A. Sutterby (Ed.), *Play and Social Justice Across Systems of Inequity*. New York: Peter Lang Ltd International Academic Publishers.Editorial Review

Conference Proceedings

Conference Proceeding (Published)
Shaw, A., Lawler, B., Crombie, W., McKlin, T. (2023). *Computational Thinking and The Algebra Project: From Voice to Agency*. Mathematics Education and Society Conference 12.Peer Review - Refereed

Conference Proceeding (Accepted)
Shaw, A., Lawler, B., Crombie, W., McKlin, T., Brown, T. L., Richards, T. (in press). *Working toward a Mathematics Literacy that Engages Creativity, Imagination and a Mathematical Identity*. The 15th International Congress on Mathematical Education.Peer Review - Refereed

Shi, Yong (Associate Professor)

Conference Proceedings

Conference Proceeding (Published)
Shi, Y., Sakib, N., Shahriar, H. M., Lo, D. C.-T., Chi, H., Qian, K. (2023). *AI-Assisted Security: A Step towards Reimagining Software Development for a Safer Future*. 2023 IEEE 47th Annual Computers, Software, and Applications Conference (COMPSAC).Peer Review - Refereed

Conference Proceeding (Published)
Bandi, D., Shi, Y., Shahriar, H. M., Lo, D. C.-T., Suo, K., Chi, H., Qian, K. (2023). *Quantum Machine Learning for Security Data Analysis*. IEEE World AI IoT Congress 2023.Peer Review - Refereed

Conference Proceeding (Published)
Potluri, T., Shi, Y., Shahriar, H. M., Lo, D. C.-T., Meimandi Parizi, R., Chi, H., Qian, K. (2023). *Secure Software Development in Google Colab*. IEEE World AI IoT Congress 2023.Peer Review - Refereed

Conference Proceeding (Published)
Downing, W., Harvey, D., Wagura, D., Shi, Y. (2023). *Blockchain Development in Colab: An Ethereum- Based Bicycle Registry System*. 2023 IEEE 13th Annual Computing and Communication Workshop and Conference (CCWC).Peer Review - Refereed

Conference Proceeding (Published)
Lupsan, H., Ahmed, R., Shi, Y. (2023). *Cybersecurity in Malware Research*. 2023 IEEE 13th Annual Computing and Communication Workshop and Conference (CCWC).Peer Review - Refereed

Conference Proceeding (Published)
Shi, Y., Shahriar, H. M., Lo, D. C.-T., Qian, K., Chi, H. (2023). *Collaborative and Active Learning with Portable Online Hands-on Labware for Blockchain Development* (978-1-4503-9433-8 ed.). 54th ACM Technical Symposium on Computer Science Education.Peer Review - Refereed

Conference Proceeding (Accepted)
Lo, D. C.-T., Deng, B., Shi, Y. (2023). *Deep Machine Learning on Segmenting and Classifying Crop Images Taken by Unmanned Aerial Vehicle*. IEEE Big Data 2023 Workshops.Peer Review - Refereed

Conference Proceeding (Accepted)
Priest, J., Cooper, C., Lovell, S., Shi, Y., Lo, D. C.-T. (2023). *Design and Implementation of an ERC-20 Smart Contract on the Ethereum Blockchain*. IEEE Big Data 2023 Workshops.Peer Review - Refereed

Conference Proceeding (Accepted)

Cooper, E., Weese, E., Fortson, A., Lo, D. C.-T., Shi, Y. (2023). *Cyber Security in Blockchain*. The 2023 6th IEEE Conference on Dependable and Secure Computing (IEEE DSC 2023).Peer Review - Refereed

Suo, Kun (Assistant Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Huang, H., Zhao, Y., Rao, J., Wu, S., Hai, J., Suo, K., Pan, L. (2023). Adapt Burstable Containers to Variable CPU Resources. *IEEE Transactions on Computers*, ., Acceptance Rate: 24%, Impact Factor: 3.131, https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=71Peer Review - Refereed

Journal Article, Academic Journal (Published)
Shin, S., Boyapati, M., Suo, K., Kang, K., Son, J. (2023). An empirical analysis of image augmentation against model inversion attack in federated learning. *The Journal of Networks, Software Tools and Applications*, ., Acceptance Rate: 28%, Impact Factor: 2.303, https://www.springer.com/journal/10586Peer Review - Refereed

Non-Refereed Journal Articles

Journal Article, Academic Journal (Published)
Wang, K., Suo, K., Liu, Y., Huang, H., Huang, Z., Jin, H. (2023). Characterizing and Optimizing Kernel Resource Isolation for Containers. *Future Generation Computer Systemournal (Published)*

Published Abstract (Published)
Mohammed, M., Zhang, X., Valero de Clemente, M. A., Xie, Y. (2023). *AsyncFedKD: Asynchronous Federated Learning with Knowledge Distillation*. 2023 IEEE/ACM Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE).Peer Review - Refereed

Zhao, Chen

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Zhao, C., Liu, A., Zhang, X., Cao, X., Ding, Z., Sha, Q., Shen, H., Deng, H.-W., Zhou, W. (2024). CLCLSA: Cross-omics Linked embedding with Contrastive Learning and Self Attention for integration with incomplete multi-omics data. *Computers in Biology and Medicine*, ., Impact Factor: 7.7Peer Review - Refereed

Department of Information Technology

Choi, Taeyeong (Assistant Professor)

Conference Proceedings

Conference Proceeding (Accepted)
Goyal, S., Sasikumar, K., Sheth, R., Seelam, A., Choi, T., Liu, X. (in press). *EnColor: Improving Visual Accessibility with a Deep Encoder-Decoder Image Corrector for Color Vision Deficient Individuals*. The 38th Annual AAAI Conference on Artificial Intelligence (AAAI-24).Peer Review - Refereed

Conference Proceeding (Accepted)
Bandodkar, G., Agarwal, S., Sughosh, A. K., Singh, S., Choi, T. (in press). *"Allot?" is "A Lot!" Towards Developing More Generalized Speech Recognition System for Accessible Communication*. The 38th Annual AAAI Conference on Artificial Intelligence (AAAI-24).Peer Review - Refereed

Li, Lei (Professor)

Book Chapters

Book, Chapter in Scholarly Book-New (Published)
Zheng, J., Li, Z., Li, L. (2023). Go beyond the Technology - Emphasizing Soft Skills in IT/IS Capstone Classes. In Mark I. Hwang (Ed.), *the Handbook of Teaching and Learning in IS* (pp. 44-67). MARIETTA: Teaching Information Systems. 1100 S MARIETTA PKWY SEPeer Review - Refereed

Conference Proceedings

Conference Proceeding (Accepted)
Sakib, N., Islam, F., Li, L. (2023). *ChatGPT in IT Education Ecosystem: Unraveling Long-Term Impacts on Job Market, Student Learning, and Ethical Practices*. ACM SIGITE 2023.Peer Review - Refereed

Proceedings of the 2023 Conference on Innovation and Technology in Computer Science Education V. 2 (pp. 569. 570). New York, NY, USA: Association for Computing Machinery. https://doi.org/10.1145/3587103.3594209

Conference Proceeding (Published)
Bradley, S., Parker, M. C., Altin, R., Barker, L., Hooshangi, S., Kunkeler, T., Lennon, R. G., McNeill, F., Minguill\'on, Juli\`a, Parkinson, J., Peltsverger, S. B., Sibia, N. (2023). Modeling Women's Elective Choices in Computing. *Proceedings of the 2023 Working Group Reports on Innovation and Technology in Computer Science Education* (pp. 196. 226). New York, NY, USA: Association for Computing Machinery. https://doi.org/10.1145/3623762.3633497

Pouriyeh, Seyedamin (Assistant Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Chen, Y., Zhang, Y., Zhuang, Y., Pouriyeh, S., Han, M. (2024). Efficient and Secure Blockchain Consensus Algorithm for Heterogeneous Industrial Internet of Things Nodes Based on Double-DAG. *IEEE Transactions on Industrial Informatics*, .Peer Review - Refereed

Journal Article, Academic Journal (Published)

Conference Proceedings

Conference Proceeding (Published)
Xie, Y., Sakib, N., Pouriyeh, S. (Published). *Protein-Protein Interactions (PPIs) analysis on COVID-19 coronavirus worldwide variants.*Editorial Review

Conference Proceeding (Published)
Mosaiyebzadeh, F., Pouriyeh, S., Meimandi Parizi, R., Dehbozorgi, N., Batista, D. (2023). *Exploring the Role of ChatGPT in Education: Applications and Challenges.* The 24th ACM Annual Conference on Information Technology Education (SIGITE 2023).Peer Review - Refereed

https://aisel.aisnet.org/cgi/viewcontent.cgi?article=1005&context=sais2023Peer Review - Refereed

Valero de Clemente, Maria A. (Assistant Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Li, L., Valero, M., Keyser, R., Ukuku, A., Zheng, D. (2023). Mobile Applications for Encouraging Blood Donation: A Systematic Review and Case Study. *Digital Health, 9*, 1-

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Chen, J., Potlapalli, R., Quan, H., Chen, L., Xie, Y., Pouriyeh, S., Sakib, N., Liu, L., Xie, Y. (2024). Exploring DNA Damage and Repair Mechanisms: A Review with Computational Insights. *BioTech, 13*(1), ., https://www.mdpi.com/2673-6284/13/1/3Peer Review - Refereed

Journal Article, Academic Journal (Published)
Geisler, T., Ray, H. E., Xie, Y. (2023). Finding the Proverbial Needle: Improving Minority Class Identification Under Extreme Class Imbalance. *Journal of Classification, Springer*, ., Impact Factor: 1.625Peer Review - Refereed

Journal Article, Academic Journal (Accepted)
Gupta, S., Xie, Y., Zafar, H. (in press). Fintech and Digital Payments: Developing a Domain Knowledge Framework. *To appear in Journal of Information Systems Education*, .Peer Review - Refereed

Conference Proceedings

Conference Proceeding (Published)
Hebbar, S., Xie, Y., Zhong, J. (2023). *TreeBERT: Adanced Representation Learning for Relation Extraction.* Proceedings of 2023 IEEE International Conference on Big Data (IEEE BigData'23).Peer Review - Refereed

Conference Proceeding (Published)
Xie, Y., Wu, S., Chakravarty, S. (2023). *AI Meets AI: Artificial Intelligence and Academic Integrity - A Survey on Mitigating AI-Assisted Cheating in Computing Education.* Proceedings of the 24th Annucal Conference on Information Technology Education (ACM SIGITE'23).Peer Review - Refereed

Conference Proceeding (Published)
Don, D., Xie, Y., Yu, L., Hughes, S., Zhu, Y. (2023). *Cluster Language Model for Improved E-Commerce Retrieval and Ranking: Leverage Query Similarity and Fine-Tuning for Personalized Results.* 2023 ACM SIGKDD - ECNLP Workshop.Peer Review - Refereed

Other Intellectual Contributions

Published Abstract (Published)
Mohammed, M., Zhang, X., Valero de Clemente, M. A., Xie, Y. (2023). *AsyncFedKD: Asynchronous Federated Learning with Knowledge Distillation.* 2023 IEEE/ACM Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE).Peer Review - Refereed

Xu, Honghui

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Xie, B., Xu, H., Joe, Y.-J., Seo, D., Cai, Z. (2023). Lightweight Super-Resolution Model for Complete Model Copyright Protection. *Tsinghua Science and Technology*, ., Impact Factor: 3.515Peer Review - Refereed

Department of Software Engineering and Game Development

Dehbozorgi, Nasrin (Assistant Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Dehbozorgi, N., Kunuku, M. (2023). Exploring the Influence of Emotional States in Peer Q.c^¦æ&ɕ}•Á{}Àǔå^}ơơ̩OBæå^{ã&ÁƲ^¦ɟ¦{ aɦ&^Ƚ*IEEE Transactions on Education*, ., Impact Factor: 2.74Peer Review - Refereed

Conference Proceedings

Conference Proceeding (Published)
Gopi, S., Dehbozorgi, N., Khan, M. A. A. H. (2024).

ACM Annual Conference on Information Technology Education (SIGITE 2023).Peer Review - Refereed

Conference Proceeding (Published)
Mosaiyebzadeh, F., Pouriyeh, S., Meimandi Parizi, R., Dehbozorgi, N., Batista, D. (2023). *Empowering Healthcare Professionals and Patients with Chat GPT: Applications and Challenges*. IEEE International Conference on Computational Science and Computational Intelligence (IEEE CSCI 2023).Peer Review - Refereed

Conference Proceeding (Accepted)
Kunuku, M., Dehbozorgi, N. (in press). *A TensorFlow-Powered Visual Speech Recognition*

Conference Proceedings

Conference Proceeding (Published)

Other Intellectual Contributions

Published Abstract (Published)
Sanku, B. S., He, S., Li, J. (2023).

Conference Proceeding (Published)
Potluri, T., Shi, Y., Shahriar, H. M., Lo, D. C.-T., Meimandi Parizi, R., Chi, H., Qian, K. (2023). *Secure Software Development in Google Colab*. IEEE World AI IoT Congress 2023.Peer Review - Refereed

Conference Proceeding (Published)
Donkada, S., Pouriyeh, S., Meimandi Parizi, R., Xie, Y., Shahriar, H. M. (2023). *Early Heart Disease Detection Using Mel-Spectrograms and Deep Learning*. 3rd IEEE International Conference on ICT Solutions for eHealth.Peer Review - Refereed

Conference Proceeding (Published)
Mosaiyebzadeh, F., Pouriyeh, S., Meimandi Parizi, R., Dehbozorgi, N., Batista, D. (2023). *Empowering Healthcare Professionals and Patients with Chat GPT: Applications and Challenges*. IEEE International Conference on Computational Science and Computational Intelligence (IEEE CSCI 2023).Peer Review - Refereed

Conference Proceeding (Published)
Nalla, V., Pouriyeh, S., Meimandi Parizi, R., Brown-Mulry, B., Zhang, L., Woo, M. (2023). *Influence of Convolutional Neural Network Depth on the Efficacy of Automated Breast Cancer Screening Systems*. 3rd IEEE International Conference on ICT Solutions for eHealth.Peer Review - Refereed

Conference Proceeding (Published)
Mosaiyebzadeh, F., Pouriyeh, S., Meimandi Parizi, R., Han, M., Batista, D. (2023). *Intrusion Detection System for IoHT Devices using Federated Learning*. IEEE International Conference on Computer Communications (The 2023 International Workshop on AI-Driven Trustworthy, Secure, and Privacy-Preserving Computing).

Spoletini, Paola (Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Accepted)
Ferrari, A., Huichapa, T., Spoletini, P., Novielli, N., Fucci, D., Girardi, D. (in press). Using Voice and Biofeedback to Predict User Engagement during Product Feedback Interviews. *To appear in ACM Transactions on Software Engineering and Methodology*, .Peer Review - Refereed

Conference Proceedings

Conference Proceeding (Published)
Valero de Clemente, M. A., Spoletini, P. (2023). *RE Practices when Developing IoT for Healthcare: the Case of GlucoCheck*. 2nd Workshop on Requirement Engineering for Software startups and Emerging Technologies (RESET).Peer Review - Refereed

Conference Proceeding (Published)
Spoletini, P. (2023). *Towards Quantum Requirements Engineering*. 2nd Workshop on Requirement Engineering for Software startups and Emerging Technologies (RESET).Peer Review - Refereed

Conference Proceeding (Published)
Spoletini, P. (2023). *Strategies, Benefits and Challenges of App Store-inspired Requirements Elicitation*. Proceedings of the 45th ACM/IEEE Conference on Software Engineering.Peer Review - Refereed

School of Data Science and Analytics

Brown, Austin (Assistant Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Lopez, R., Ikedum, I., Ndungu, B., Brown, A., Sneha, S. (2023). Assessing the Relationship Between Educational Attainment and Flu Vaccination: An Examination of the 2019 Behavioral Risk Factor Surveillance System. *Journal of Public Health: From Theory to Practice*, ., Impact Factor: 1.8Peer Review - Refereed

Journal Article, Academic Journal (Published)
Maguire, M. R., White, M. A., Brown, A. (2023). The Quality of Care Delivered in a Simulation Center: A Benchmark Study. *Nurse Educator*, ., Impact Factor: 2.082Peer Review - Refereed

Conference Proceedings

Conference Proceeding (Published)
Brown, A. (2023). *Translating Common Data Visualizations from PROC SGPLOT to ggplot2*. Southeastern SAS Users Group.Peer Review - Refereed

DeMaio, Joseph D. (Professor)

Refereed Journal Articles

Journal Article, Academic Journal (Published)
Staples, L., Ring, J., Fontana, S., Stradwick, C., DeMaio, J. D., Ray, H. E., Zhang, Y., Zhang, X. (2023). Reproducible clustering with non-Euclidean distances: a simulation and case study. *International Journal of Data Science and Analytics*, ., http://dx.doi.org/10.1007/s41060-023-00429-1Peer Review - Refereed

Conference Proceedings

Conference Proceeding (Published)
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