

Asst. Prof. RUKİYE SAVRAN KIZILTEPE

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: GSE-2106-2022

ScopusID: 57217857298

Yoksis Researcher ID: 376992

Education Information

Doctorate, University of Essex, School of Computer Science and Electronic Engineering, Computer Science, England 2017 - 2022

Postgraduate, University of Essex, School of Computer Science and Electronic Engineering, Advanced Computer Science, England 2016 - 2017

Undergraduate, Hacettepe University, Eğitim Fakültesi, Bilgisayar Ve Öğ.Tek.Eği. Bölümü, Turkey 2010 - 2014

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Spatiotemporal features and deep learning methods for video classification, University of Essex, Computer Science and Electronic Engineering, Computer Science, 2022

Postgraduate, Experimental comparison of machine learning methods for preparing entries to Kaggle machine learning competitions, University of Essex, Computer Science and Electronic Engineering, Advanced Computer Science, 2017

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Natural Language Processing, Human Computer Interaction, Pattern Recognition and Image Processing, Neural Networks, Software Engineering

Academic Titles / Tasks

Assistant Professor, Hacettepe University, 2022 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Yazılım Mühendisliği, 2022 - Continues

Research Assistant, University of Essex, School of Computer Science and Electronic Engineering, 2017 - 2022

Courses

Database Management Systems, Undergraduate, 2024 - 2025
Requirements and Modelling, Undergraduate, 2024 - 2025
Yazılım Mühendisliğine Uyum, Undergraduate, 2024 - 2025
YMH216 Yazılım Ekonomisi, Undergraduate, 2023 - 2024
YMH212 Yazılım Gereksinim Analizi, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Integration of Feature and Decision Fusion With Deep Learning Architectures for Video Classification**
Savran Kızıltepe R.
IEEE ACCESS, vol.12, pp.19432-19446, 2024 (SCI-Expanded)
- II. **A novel keyframe extraction method for video classification using deep neural networks**
Savran Kızıltepe R., Gan J. Q., Jose Escobar J.
NEURAL COMPUTING & APPLICATIONS, vol.35, no.34, pp.24513-24524, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **An annotated video dataset for computing video memorability**
Savran Kızıltepe R., Sweeney L., Constantin M. G., Doctor F., De Herrera A. G. S., Demarty C., Healy G., Ionescu B., Smeaton A. F.
DATA IN BRIEF, vol.39, 2021 (ESCI)
- II. **Examining Information and Communication Technologies Preservice Teachers' Views On Technology Integration and Their Roles In This Process**
Demiraslan Çevik Y., Dağhan G., Barın S., Savran Kızıltepe R.
Journal of Theory and Practice in Education, vol.11, no.4, pp.1143-1166, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Using LLMs for Annotation and ML Methods for Comparative Analysis of Large-Scale Turkish Sentiment Datasets**
EZİN E., SAVRAN KIZILTEPE R., KARAKUŞ M.
2024 9th International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 26 - 28 October 2024, pp.204-209
- II. **A Comparative Study of ML Models on Large-Scale Turkish Sentiment Datasets**
SAVRAN KIZILTEPE R., EZİN E., KARAKUŞ M.
20th Innovations in Intelligent Systems and Applications Conference 2024 (ASYU 2024), Ankara, Turkey, 16 - 18 October 2024
- III. **Overview of The MediaEval 2023 Predicting Video Memorability Task**
Constantin M. G., Demarty C., Fosco C., Seco de Herrera A. G., Halder S., Healy G., Ionescu B., Matran-Fernandez A., SAVRAN KIZILTEPE R., Smeaton A. F., et al.
MediaEval 2023, Amsterdam, Netherlands, 1 - 02 February 2024
- IV. **Energy-Aware KNN for EEG Classification: A Case Study in Heterogeneous Platforms**
Escobar J. J., Rodríguez F., SAVRAN KIZILTEPE R., Prieto B., Kimovski D., Ortiz A., Damas M.
17th International Work-Conference on Artificial Neural Networks, IWANN 2023, Ponta-Delgada, Portugal, 19 - 21 June 2023, vol.14134 LNCS, pp.505-516
- V. **Overview of The MediaEval 2021 Predicting Media Memorability Task**
Savran Kızıltepe R., Constantin M. G., Demarty C., Healy G., Fosco C., Seco De Herrera A. G., Halder S., Ionescu B.,

Matran-Fernandez A., Smeaton A. F., et al.

MediaEval 2021 Workshop, MediaEval 2021, Virtual, Online, 13 - 15 December 2021, vol.3181

- VI. **Simple Effective Methods for Decision-Level Fusion in Two-Stream Convolutional Neural Networks for Video Classification**
Savran Kiziltepe R., Gan J. Q.
21th International Conference on Intelligent Data Engineering and Automated Learning, IDEAL 2020, Guimaraes, Portugal, 4 - 06 November 2020, vol.12489 LNCS, pp.77-87
- VII. **Overview of MediaEval 2020 predicting media memorability task: What makes a video memorable?**
De Herrera A. G. S., Savran Kiziltepe R., Chamberlain J., Constantin M. G., Demarty C., Doctor F., Ionescu B., Smeaton A. F.
Multimedia Evaluation Benchmark Workshop 2020, MediaEval 2020, Virtual, Online, 14 - 15 December 2020, vol.2882
- VIII. **Essex-NLIP at MediaEval predicting media memorability 2020 task**
Jacutprakart J., Savran Kiziltepe R., Gan J. Q., Papanastasiou G., De Herrera A. G. S.
Multimedia Evaluation Benchmark Workshop 2020, MediaEval 2020, Virtual, Online, 14 - 15 December 2020, vol.2882
- IX. **Combining Very Deep Convolutional Neural Networks and Recurrent Neural Networks for Video Classification**
Kiziltepe R., Gan J. Q., Escobar J. J.
15th International Work-Conference on Artificial Neural Networks (IWANN), Spain, 12 - 14 June 2019, vol.11507, pp.811-822
- X. **Energy-Time Analysis of Convolutional Neural Networks Distributed on Heterogeneous Clusters for EEG Classification**
Jose Escobar J., Ortega J., Damas M., Kiziltepe R., Gan J. Q.
15th International Work-Conference on Artificial Neural Networks (IWANN), Spain, 12 - 14 June 2019, vol.11507, pp.895-907

Supported Projects

Savran Kiziltepe R., TUBITAK Project, Çağrı Merkezleri İçin Duygusal Analiz Uygulamasının Geliştirilmesi, 2024 - 2025

Scientific Refereeing

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, November 2023

FRONTIERS IN NEUROBOTICS, Journal Indexed in SCI-E, November 2021

Scholarships

YLSY, Ministry of Education, 2015 - 2022