



EĞİTİM BİLGİLERİ

Derece	Üniversite	Bölüm	Yıl
Doktora	Loughborough University		2009 - 2015
Yüksek Lisans	Loughborough University {england}		2008 - 2009
Lisans	Atılım Üniversitesi	Bilgisayar Mühendisliği Bölümü	2003 - 2007

ARAŞTIRMA ALANLARI

AKADEMİK GÖREVLER

Görev	Üniversite	Alan	Yıl
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İDARİ GÖREVLER

Görev	Üniversite	Yıl
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AKADEMİK VE MESLEKİ ÜYELİKLER

Kurum	Üyelik	Yıl
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ÜNİVERSİTE DIŞI DENEYİM

Ülke	Kurum	Görev	Yıl
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KİTAPLAR

MAKALELER

A Novel Deep Learning Framework Enhanced by Hybrid Optimization Using Dung Beetle and Fick's Law for Superior Pneumonia Detection

SABAAWI ABDULAZEEZ MOHAMMED IBRAHIM,KOYUNCU HAKAN

Electronics, 2024

Uluslararası DOI: 10.3390/electronics13204042

Novel Hybrid Optimization Techniques for Enhanced Generalization and Faster Convergence in Deep Learning Models: The NestYogi Approach to Facial Biometrics

ALTAHER RAOOF HAYDER RAOOF,KOYUNCU HAKAN

Mathematics, 2024

Uluslararası DOI: 10.3390/math12182919

Catalyzing Healthcare Advancements: Integrating IoT-Driven Smart Systems and Deep Learning for Precision Breast Cancer Detection in Telemedicine

Patel Warish,Ganatra Amit,KOYUNCU HAKAN

Revue d'Intelligence Artificielle, 2024

Uluslararası DOI: 10.18280/ria.380428

Optimization Strategies for Atari Game Environments: Integrating Snake Optimization Algorithm and Energy Valley Optimization in Reinforcement Learning Models

SARKHI SADEQ MOHAMMED KADHIM,KOYUNCU HAKAN

AI, 2024

Uluslararası DOI: 10.3390/ai5030057

MAKALELER**Effective Audio and Video-Based Learning for Youngest Age**

Akram Basmal Omer,KOYUNCU HAKAN

Journal of Electrical Systems, 2024

Uluslararası DOI: 10.52783/jes.2590

Empowering Health and Well-being: IoT-Driven Vital Signs Monitoring in Educational Institutions and Elderly Homes Using Machine Learning

Duodu Nana Yaw,Patel Warish,KOYUNCU HAKAN,Nartey Felix,Torgby Wisdom

International Journal of Electrical and Electronics Research (IJEER), 2024

Uluslararası DOI: 10.37391/ijeer.12bdf07

Hybrid Neural Network Approach for Tea Leaf Disease Detection Using Pelican and Mayfly Optimization Algorithms

AL-KARAWI SAJA,KOYUNCU HAKAN

Jurnal Riset Informatika, 2024

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Merging Two Models of One-Dimensional Convolutional Neural Networks to Improve the Differential Diagnosis between Acute Asthma and Bronchitis in Preschool Children

SALİH WALEED HAMEED SALİH,KOYUNCU HAKAN

Diagnostics, 2024

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A Hybrid Ensemble Learning Approach for Efficient Diabetic Retinopathy Prediction and Classification Using Machine Learning and Deep Learning Techniques

Shah Arpit,Patel Warish,KOYUNCU HAKAN

International Journal of Intelligent Systems and Applications in Engineering, 2024

Uluslararası

Enhancing SDN Anomaly Detection: A Hybrid Deep Learning Model with SCA-TSO Optimization

ALHİLO AHMED MOHANAD JABER,KOYUNCU HAKAN

International Journal of Advanced Computer Science and Applications, 2024

Uluslararası DOI: 10.14569/IJACSA.2024.0150551

Empowering healthcare innovation : IoT-enabled smart systems and deep learning for enhanced diabetic retinopathy in the telehealth landscape

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Journal of Interdisciplinary Mathematics, 2024

Uluslararası DOI: 10.47974/JIM-1836

Deep Learning and Grey Wolf Optimization Technique for Plant Disease Detection: A Novel Methodology for Improved Agricultural Health

JABBAR AMENAH NAZAR JABBAR, KOYUNCU HAKAN

Traitement du Signal, 2023

Uluslararası DOI: 10.18280/ts.400515

Intelligence feeder system for stray cats

Saadoon Alaa Mohsin,KOYUNCU HAKAN

Indonesian Journal of Electrical Engineering and Computer Science, 2023

Uluslararası DOI: 10.11591/ijeecs.v31.i3.pp1507-1514

Optimizing Multi Neural Network Weights for COVID-19 Detection Using Enhanced Artificial Ecosystem Algorithm

KOYUNCU HAKAN, Arab Munaf

Traitement du Signal, 2023

Uluslararası DOI: 10.18280/ts.400417

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Sharma Dinesh,KOYUNCU HAKAN

New Trends in Mathematical Science, 2021

Uluslararası DOI: 10.20852/ntmsci.2021.420

MAKALELER**Accuracy Improvements of Local GPS Coordinates Measured with LEA -6 GPS Receiver Modules by Using Software Techniques**

KOYUNCU BAKİ, KOYUNCU HAKAN

International Journal of Applied Physics, 2021

Uluslararası

A Comparative Study of Handwritten Character Recognition by using Image Processing and Neural Network Techniques

KOYUNCU HAKAN

Hittite Journal of Science & Engineering, 2021

Ulusal DOI: 10.17350/HJSE19030000223

An analysis of content-based image retrieval

KOYUNCU HAKAN, Dixit Manish, KOYUNCU BAKİ

International Advanced Researches and Engineering Journal, 2021

Ulusal DOI: 10.35860/iarej.811927

Construction of 3D Soil Moisture Maps in Agricultural Fields by Using Wireless Sensor Networks

KOYUNCU HAKAN, Gündüz Burak, KOYUNCU BAKİ

GAZI UNIVERSITY JOURNAL OF SCIENCE, 2021

Uluslararası DOI: 10.35378/gujs.720778

Simulation of a Smart Sensor Detection Scheme for Wireless Communication Based on Modeling

KOYUNCU HAKAN, Bagwari Ashish, Tomar Geetam S.

Electronics, 2020

Uluslararası DOI: 10.3390/electronics9091506

A New Energy Efficient Multitier Deterministic Energy-Efficient Clustering Routing Protocol for Wireless Sensor Networks

KOYUNCU HAKAN, Tomar Geetam S., Sharma Dinesh

Symmetry, 2020

Uluslararası DOI: 10.3390/sym12050837

Handwritten character recognition by using convolutional deep neural network review

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International journal of engineering technologies-IJET, 2019

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International Journal of Engineering Technologies, 2019

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Determination of positioning accuracies by using fingerprint localisation and artificial neural networks

KOYUNCU HAKAN

Thermal Science, 2018

Uluslararası DOI: 10.2298/TSCI180912334K

Vehicle Speed detection by using Camera and image processing software

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The International Journal of Engineering and Science, 2018

Uluslararası DOI: 10.9790/1813-0709036472

An application of Kalman Filtering and Artificial Neural Network with K-NN Position Detection Technique

KOYUNCU HAKAN, KOYUNCU BAKİ

Scientific Research Publishing, Inc., 2017

Uluslararası DOI: 10.4236/wsn.2017.98013

Adaptive Indoor Localization by using Environmental Thresholding and Virtual Fingerprint Technique

KOYUNCU HAKAN, KOYUNCU BAKİ

International Journal of Engineering Research and Application, 2016

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Environmentally Corrected RSSI Based Real Time Location Detection System

KOYUNCU HAKAN,KOYUNCU BAKİ

International Journal of Computer Science and Information Technology, 2016

[Uluslararası](#) DOI: 10.5121/ijcsit.2016.8604

A Real Time Application of Active RFIDs in Multicar Environment for Road Safety

KOYUNCU HAKAN,KOYUNCU BAKİ

International Journal of Research Studies in Computer Science and Engineering, 2015

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Improved adaptive localisation approach for indoor positioning by using environmental thresholds with wireless sensor nodes

KOYUNCU HAKAN,Yang Shuang Hua

IET Wireless Sensor Systems, 2015

[Uluslararası](#) DOI: 10.1049/iet-wss.2013.0100

Virtual 2D Positioning System by Using Wireless Sensors in Indoor Environment

KOYUNCU HAKAN,Yang Shuang Hua

International Journal of Wireless & Mobile Networks (IJWMN), 2013

[Uluslararası](#) DOI: 10.5121/ijwmn.2013.5602

Indoor Localization by using Particle Filtering Approach with Wireless Sensor Nodes

KOYUNCU HAKAN,ÇEVİK AHMET

Journal of Communications Software and Systems, 2013

[Uluslararası](#) DOI: 10.24138/jcomss.v9i1.159

A study of indoor positioning by using trigonometric and weight centroid localization techniques

KOYUNCU HAKAN,Yang Shuang Hua

International Journal of Computer Engineering Research, 2011

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A 2D positioning system using WSNs in indoor environment

KOYUNCU HAKAN,Yang Shuang Hua

International Journal of Electrical & Computer Sciences, 2011

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A Survey of Indoor Positioning and Object Locating Systems

KOYUNCU HAKAN,Yang Shuang Hua

International Journal of Computer Science and Network Security, 2010

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Optimizing MIMO-OFDM Communication Systems: A Comparative Analysis of LMMSE and LZF Equalizers under Varying Antenna Configurations

AL-ANBAGI SARHA ABDULWAHHAB ABD.AL,KOYUNCU HAKAN

AICCONF '24: Cognitive Models and Artificial Intelligence Conference, 2024

[Uluslararası](#)

Security threat analysis and countermeasure using ML in cloud

Kushwaha Akhilesh,Patel Warish,KOYUNCU HAKAN,Parikh Swapnil,Chauhan Ankit

5th Parul University International Conference on Engineering and Technology PiCET-2023, 2024

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A comprehensive survey of predicting stock market prices: An analysis of traditional statistical models and machine-learning techniques

Patel Divy,Patel Warish,KOYUNCU HAKAN

5th Parul University International Conference on Engineering and Technology PiCET-2023, 2024

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Energy Consumption Analysis Via Different Machine Learning Algorithms

DARWESH RWAN,KOYUNCU HAKAN

International Conference on Computer Science, Machine Learning and Big Data(ICCSMLBD)(WRFASE International Conference), 2023

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Revolutionizing Cancer Diagnosis in IoMT with a Novel Lightweight Deep Learning Model for Histopathological Image Classification

Patel Warish,KOYUNCU HAKAN,Ganatara Amit

2023 International Conference on Modeling, Simulation & Intelligent Computing (MoSiCom), 2023

Uluslararası

Deep Fake Detection Using LSTM, Resnetv2, OpenCV and Genetic Algorithm

AHMED OSMAN TARIG OSMAN,KOYUNCU HAKAN

International Conference on Electronics, Artificial Intelligence & Robotics(ICEAIR), 2023

Uluslararası

A Deep Learning Approach to Differentiate Between Acute Asthma and Bronchitis in Preschool Children

SALİH WALEED HAMEED SALİH,KOYUNCU HAKAN

2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2022

Uluslararası

Hand Gesture Recognition for Interactive Media Player Using CNN and Image Classification

AL MOHAMMEDI ANWAR DIYAA AWAD,KOYUNCU HAKAN

2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2022

Uluslararası

Obstacle Avoidance in Unmanned Aerial Vehicles Using Image Segmentation and Deep Learning

OBAID AMRO ALI,KOYUNCU HAKAN

2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2022

Uluslararası

Intelligent Hospital Management System (IHMS)

KOYUNCU BAKİ, KOYUNCU HAKAN

2015 International Conference on Computational Intelligence and Communication Networks, 2015

Uluslararası

Distance Calculation by Using Bi-Section Algorithm with RFID Signals

KOYUNCU BAKİ,KOYUNCU HAKAN,ÇELİK Taner,VARLIOĞLU Sefika

3rd International Conference on Advances in Engineering Sciences & Applied Mathematics (ICAESAM'2015), 2015

Uluslararası

Improved Fingerprint Localization by Using Static and Dynamic Segmentation

KOYUNCU HAKAN,Yang Shuang Hua

2014 International Conference on Computational Science and Computational Intelligence, 2014

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Indoor Positioning with Virtual Fingerprint Mapping by Using Linear and Exponential Taper Functions

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2013 IEEE International Conference on Systems, Man, and Cybernetics, 2013

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Comparison of Indoor localization techniques by using reference nodes and weighted k-NN algorithms

KOYUNCU HAKAN,Yang Shuang Hua

Recent Advances in Information Science (Proceedings of the 3rd European Conference of Computer Science (ECCS '12)), 2012

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Determination of 3D indoor object locations by using Wireless Sensor Nodes and RSSI techniques

KOYUNCU HAKAN, Yang Shuang Hua

16th International Conference on Automation & Computing, 2010

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PROJELER

TEZ DANIŞMANLIKLARI

DERSLER

Ders Türü	Ders Kodu	Ders Adı
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KİŞİSEL BİLGİLER

İLETİŞİM BİLGİLERİ

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