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EĞİTİM BİLGİLERİ

Derece	Üniversite	Bölüm	Yıl
Doktora	ALTINBAŞ ÜNİVERSİTESİ	ELEKTRİK VE BİLGİSAYAR MÜHENDİSLİĞİ	2020 - 2024
Yüksek Lisans	ALTINBAŞ ÜNİVERSİTESİ	ELEKTRİK VE BİLGİSAYAR MÜHENDİSLİĞİ	2016 - 2019
Lisans	TIKRIT UNIVERSITY	BİLGİSAYAR BİLİMLERİ	2009 - 2013

ARAŞTIRMA ALANLARI

Görüntü İşleme, Yapay Zeka, Makine Öğrenmesi, Derin Öğrenme, Veritabanı, Nesnelerin İnterneti, Siber Güvenlik, Bilgisayar Ağı, Bilgisayar Programlama, Filigranlama Teknikleri.

AKADEMİK GÖREVLER

Görev	Üniversite	Alan	Yıl
Dr. Öğr. Üye	ALTINBAŞ ÜNİVERSİTESİ	BİLGİSAYAR MÜHENDİSLİĞİ	2025 -

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

Recent Advances in Smart Communication Technologies for a Sustainable Future

Ananya Pandey, Oindrilla Ghosh, Hameed Mutlag Farhan, Vineeta Singh

IGI, 979-8-3373-3541-4, 2026

[Bilimsel Kitap](#) [Bölüm\(ler\)](#)

Forthcoming Networks and Sustainability in the AIoT Era

Hawraa Jaafar Murad Kashkool, Hameed Mutlag Farhan, Raghda Awad Shaban Naseri, Sefer Kurnaz

Springer Nature Switzerland, 978-3-031-62871-9, 2024

[Bilimsel Kitap](#) [Bölüm\(ler\)](#)

MAKALELER

Experimental investigation of ZnO/SiC and GO/CuO hybrid nanofluids in PVT-integrated PEM electrolysis for green hydrogen production

Mohammed Shamar Yadkar , Sefer Kurnaz , Hameed Mutlag Farhan , Sangeetha , G.K. Jhanani

International Journal of Hydrogen Energy, 2026

[Uluslararası](#) DOI: 10.1016/j.ijhydene.2026.154387

MAKALELER

An enhanced attention and dilated convolution-based ensemble model for network intrusion detection system against adversarial evasion attacks

FARHAN HAMEED MUTLAG FARHAN, ÇEVİK MESUT

Peer-to-Peer Networking and Applications, 2025

[Uluslararası](#)

A Novel Pancreatic Tumor Detection and Diagnosis Using Adaptive TransResUnet Aided Segmentation and ASPP with Multi-Scale EfficientNet-Based Classification

FARHAN HAMEED MUTLAG FARHAN, İBRAHİM ABDULLAHI ABDU, Naseri Raghda awad shaban

Cybernetics and Systems, 2025

[Uluslararası](#) DOI: 10.1080/01969722.2025.2488820

Improving Oil Pipeline Surveillance with a Novel 3D Drone Simulation Using Dynamically Constrained Accumulative Membership Fuzzy Logic Algorithm (DCAMFL) for Crack Detection

FARHAN HAMEED MUTLAG FARHAN, KURNAZ SEFER

International Journal of Computational Intelligence Systems, 2025

[Uluslararası](#) DOI: 10.1007/s44196-025-00818-3

SCEN-SCADA Security: An Enhanced Osprey Optimization-Based Cyber Attack Detection Model in Supervisory Control and Data Acquisition System Using Serial Cascaded Ensemble Network

FARHAN HAMEED MUTLAG FARHAN, Naseri Raghda awad shaban, KURNAZ SEFER

Optimal Control Applications and Methods, 2025

[Uluslararası](#)

Optimal feature tuning model by variants of convolutional neural network with LSTM for driver distract detection in IoT platform

FARHAN HAMEED MUTLAG FARHAN, KURNAZ TÜRK BEN AYÇA, Naseri Raghda awad shaban

Knowledge and Information Systems, 2025

[Uluslararası](#) DOI: 10.1007/s10115-025-02342-4

An efficient faults and attacks categorization model in IoT-based cyber physical systems using Dilated CNN and BiLSTM with multi-scale dense Attention module

FARHAN HAMEED MUTLAG FARHAN, İBRAHİM ABDULLAHI ABDU, Naseri Raghda awad shaban

Biomedical Signal Processing and Control, 2025

[Uluslararası](#) DOI: 10.1016/j.bspc.2024.106637

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Omar Saber Muhi, Hameed Mutlag Farhan, Sefer Kurnaz

International Journal of Computational Intelligence Systems, 2025

[Uluslararası](#) DOI: 10.1007/s44196-025-00818-3

An enhanced attention and dilated convolution-based ensemble model for network intrusion detection system against adversarial evasion attacks

Omer Fawzi Awad, Mesut Çevik, Hameed Mutlag Farhan

Peer-to-Peer Networking and Applications, 2025

[Uluslararası](#) DOI: 10.1007/s12083-024-01859-9

SCEN-SCADA Security: An Enhanced Osprey Optimization-Based Cyber Attack Detection Model in Supervisory Control and Data Acquisition System Using Serial Cascaded Ensemble Network

Fatimah Yaseen Hashim Alzubaidi, Sefer Kurnaz, Raghda Awad Shaban Naseri, Hameed Mutlag Farhan

Optimal Control Applications and Methods, 2025

[Uluslararası](#) DOI: 10.1002/oca.3316

A Novel Pancreatic Tumor Detection and Diagnosis Using Adaptive TransResUnet Aided Segmentation and ASPP with Multi-Scale EfficientNet-Based Classification

aama Methab Athab, Abdullahi Abdu Ibrahim, Raghda Awad Shaban Naseri, Hameed Mutlag Farhan

Cybernetics and Systems, 2025

[Uluslararası](#) DOI: 10.1080/01969722.2025.2488820

MAKALELER

Optimal feature tuning model by variants of convolutional neural network with LSTM for driver distract detection in IoT platform

Hameed Mutlag Farhan, Ayça Kurnaz Türkben, Raghda Awad Shaban Naseri

Knowledge and Information Systems, 2025

Uluslararası DOI: 0.1007/s10115-025-02342-4

An efficient faults and attacks categorization model in IoT-based cyber physical systems using Dilated CNN and BiLSTM with multi-scale dense Attention module

Laythkhaleel Riyam, IBRAHIM ABDULLAHI ABDU, Shaban Naseri Raghda Awad, FARHAN HAMEED MUTLAG FARHAN

Biomedical Signal Processing and Control, 2024

Uluslararası DOI: 10.1016/j.bspc.2024.106637

An efficient faults and attacks categorization model in IoT-based cyber physical systems using Dilated CNN and BiLSTM with multi-scale dense Attention module

Riyam Laythkhaleel, Abdullahi Abdu Ibrahim, Raghda Awad Shaban Naseri, Hameed Mutlag Farhan

Biomedical Signal Processing and Control, 2024

Uluslararası DOI: 10.1016/j.bspc.2024.106637

Optimized face detector-based intelligent face mask detection model in IoT using deep learning approach

FARHAN HAMEED MUTLAG FARHAN, KURNAZ TÜRK BEN AYÇA, Naseri Raghda awad shaban

Applied Soft Computing, 2023

Uluslararası DOI: 10.1016/j.asoc.2022.109933

Optimized face detector-based intelligent face mask detection model in IoT using deep learning approach

Raghda Awad Shaban Naseri, Ayça Kurnaz, Hameed Mutlag Farhan

Raghda Awad Shaban Naseri, Ayça Kurnaz, Hameed Mutlag Farhan, 2023

Uluslararası DOI: 10.1016/j.asoc.2022.109933

Speaker Identification Model Based on Deep Neural Networks

Zainab Ali Abbood, Baraa Taha Yassen, Mohammed Rashid Ahmed, Adil Deniz Duru

Iraqi Journal For Computer Science and Mathematics, 2022

Uluslararası DOI: 10.52866/ijcsm.2022.01.01.012

BİLDİRİLER

Enhancing Facial Recognition Accuracy and Efficiency Through Integrated CNN, PCA, and SVM Techniques

Hawraa Jaafar Murad Kashkool, Hameed Mutlag Farhan, Raghda Awad Shaban Naseri, Sefer Kurnaz

International Conference on Forthcoming Networks and Sustainability in the AIoT Era / Springer Nature Switzerland,

Uluslararası

Data Mining Techniques for Extraction and Analysis of Covid-19 Data

Mohamed Ghanim Al-Obadi, Hameed Mutlag Farhan, Raghda Awad Shaban Naseri, Ayca Kurnaz Turkben, Ahmed Khalid Mustafa, Ahmed Raad Al-Aloosi

2022 International Conference on Artificial Intelligence of Things (ICAIoT)/ IEEE,

Ulusal

Data Mining And Analysis For Predicting Electrical Energy Consumption

Mustafa Almohammed, Hameed Mutlag Farhan, Raghda Awad Sababan Naseri, Ayca Kurnaz Turkben

2022 International Conference on Artificial Intelligence of Things (ICAIoT)/ IEEE,

Ulusal

Optic Disc Segmentation In Human Retina Images With Meta Heuristic Optimization

Dhirgham Atia Khalef, Ayca Kurnaz Turkben, Hameed Mutlag Farhan, Raghda Awad Shaban Naseri

2022 International Conference on Artificial Intelligence of Things (ICAIoT)/ IEEE,

Ulusal

BİLDİRİLER

Face Recognition System Using Local Binary Pattern with Binary Dragonfly Algorithm to Feature Selection

Ahmed Raad Al-Aloosi, Hameed Mutlag Farhan, Raghda Awad Shaban Naseri, Ayca Kurnaz Turkben, Ahmed Khalid Mustafa, Mohammed GF Al-Obadi

2022 International Conference on Artificial Intelligence of Things (ICAIoT)/ IEEE,

Ulusal

2025 5th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS)

Fatimah Yaseen Hashim Alzubaidi, Hameed Mutlag Farhan, Raghda Awad Shaban Naseri, Sefer Kurnaz, Omer Muneam Mushref IEEE,

Uluslararası

PROJELER

TEZ DANIŞMANLIKLARI

DERSLER

Ders Türü	Ders Kodu	Ders Adı
Lisans	SWE402	INTERNET PROGRAMMING
Lisans	SWE324	VISUAL PROGRAMMING
Lisans	SWE326	COMPUTER NETWORKS
Lisans	SWE228	DATABASE SYSTEMS DESIGN II
Lisans	SWE381	EMBEDDED SYSTEM DESIGN
Diğer	SWE458	SOFTWARE METRICS
Lisans	CE311	MICROPROCESSORS FOR COMPUTER ENGINEERING
Lisans	CE331	COMPUTER ORGANIZATION
Lisans	CE472	ARTIFICIAL INTELLIGENCE
Lisans	CE472	ARTIFICIAL INTELLIGENCE

KİŞİSEL BİLGİLER

İLETİŞİM BİLGİLERİ

Görüşme Saatleri: Pazartesi - 13:00 - 14:00

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