



ABDULLAHI ABDU IBRAHIM

ADB-8285-2022 

Mahmutbey Technology Campus
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Interview Hours: Pazartesi - 13:00 - 14:00
abdullahi.ibrahim@altinbas.edu.tr

EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Altinbas University	COMPUTER ENGINEERING	2015 - 2019
Master's Degree	Eastern Mediterranean University	COMPUTER ENGINEERING	2009 - 2011
Bachelor's Degree	Eastern Mediterranean University	COMPUTER ENGINEERING	2005 - 2009

RESEARCH AREAS

Wireless Sensor Networks, Wireless Body Area Network and Machine Learning

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Erasmus Coordinator	Altinbas University	Electrical and Computer Engineering	2021 - 2025

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
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ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
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NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
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BOOKS

ARTICLES

HAFMAB-Net: hierarchical adaptive fusion based on multilevel attention-enhanced bottleneck neural network for breast histopathological cancer classification

AH Abdulwahhab, O Bayat, AA Ibrahim

Signal, Image and Video Processing, 2025

[International](#) DOI: 10.1007/s11760-025-04001-1

An intelligent atrous convolution-based cascaded deep learning framework for enhanced privacy preservation performance in edge computing

Fatima Abu Siryeh, Abdullahi Abdu Ibrahim

Journal of Ambient Intelligence and Smart Environments , 2025

[International](#) DOI: 10.3233/AIS-230626

Optimizing Photovoltaic System Diagnostics: Integrating Machine Learning and DBFLA for Advanced Fault Detection and Classification

Omar Alqaraghuli, Abdullahi Ibrahim

Electronics, 2025

[International](#) DOI: 10.3390/electronics14081495

Harnessing AI for Leadership Development: Predictive Model for Leadership Assessment

Adel Alomairi , Abdullahi Abdu Ibrahim

Sakarya University Journal of Computer and Information Sciences, 2025

[National](#) DOI: doi.org/10.35377/saucis...1488149

ARTICLES

A hybrid model using 1D-CNN with Bi-LSTM, GRU, and various ML regressors for forecasting the conception of electrical energy

Yahya Hafedh Abdulameer, Abdullahi Abdu Ibrahim

International Journal of Modern Physics C (IJMPC), 2025

International DOI: 10.1142/S0129183124410080

Integrating BERT for Nuanced Sentiment Analysis: A Detailed Examination of Diverse Textual Datasets

Esra Issa, Abdullahi Abdu Ibrahim

IEEE Access, 2024

International DOI: 10.1109/ACCESS.2024.3510944.

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

International DOI: 10.1016/j.bspc.2024.106637

The effectiveness of adaptive learning methods in mathematics compared to flipped learning analyzed by ANN and IoT

Aisha Ahmed, Abdullahi Abdu Ibrahim

Wireless Personal Communications, 2023

International DOI: 10.1007/s11277-023-10500-6

Grey Wolf Optimizer and Discrete Chaotic Map for Substitution Boxes Design and Optimization

Ali Ibrahim Lawah, Abdullahi Abdu Ibrahim, Sinan Q Salih, Hussam S Alhadawi, Poh Soon JosephNg

IEEE, 2023

International DOI: 10.1109/ACCESS.2023.3266290

Investigation of epileptic seizure signatures classification in EEG using supervised machine learning algorithms

Saif Al-jumaili, Adil Deniz Duru, Abdullahi Abdu Ibrahim, Nuri Uçan Osman

Traitement du Signal, 2023

International DOI: 10.18280/ts.400104

Effects of CLEM cloud based E-learning management system for teaching and learning process in mechatronics

Saeed Ahmed Raheem, Abdullahi Abdu Ibrahim

optik, 2022

International DOI: 10.1016/j.ijleo.2022.170048

Quality of Service-aware clustered triad layer architecture for critical data transmission in multi-body area network environment

Abdullahi Abdu IBRAHIM

Engineering Reports, Wiley, 2021

International DOI: 10.1002/eng2.12356

An improved dual-sink architecture with a modified media access control protocol, energy-aware, and quality-of-service guaranteed routing algorithms for wireless body area network

Abdullahi Abdu IBRAHIM

International Journal of Distributed Sensor Networks, 2022

International DOI: 10.1177/15501329221102372

PROCEEDINGS

PROJECTS

TeknoGenç Bağcılar adlı İstanbul Kalkınma Ajansı İSTKA (Expert)

Other, 15.03.2024 - 14.08.2024

National Completed

PROJECTS

improved Novel Energy efficient threshold based emergency dAta Transmission routing protocol for wireless body area network (Project Coordinator)

BAP, 15.12.2022 - 13.12.2023

National Completed

THESIS SUPERVISION

Designing insistence-aware medium access control protocol and energy conscious routing protocol in a quality-of-service guaranteed wireless body area network

Abdullahi Abdu IBRAHIM

2019 Doctorate

Adaptive energy-aware transmission scheme for wireless sensor networks

Abdullahi Abdu IBRAHIM

2011 Master's Degree

COURSES

Course Type	Course Code	Course Name
Master's Degree	ECE528	MACHINE LEARNING
Master's Degree	ECE513	ADVANCED ALGORITHMS
Bachelor's Degree	CE332	COMPUTER ARCHITECTURE
Bachelor's Degree	CE473	HUMAN COMPUTER INTERACTION
Other	DA513	ADVANCED ALGORITHMS
Other	IT560	SOFTWARE ENGINEERING
Bachelor's Degree	GNL201	GÖNÜLLÜLÜK ÇALIŞMALARI
Bachelor's Degree	CE310	ANALYSIS OF ALGORITHMS
Bachelor's Degree	CE341	OPERATING SYSTEMS
Bachelor's Degree	CE331	COMPUTER ORGANIZATION

PERSONAL INFORMATION

CONTACT INFORMATION

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Mahmutbey Technology Campus

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