Assoc. Prof. Dr. SEFER KURNAZ

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Interview Hours: Salı - 13:00 - 14:00
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EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Istanbul University	Electronics Engineering (Phd)	1993 - 1999
Master's Degree	Ege University	Computer Engineering (Master's) (with Thesis)	1988 - 1991
Bachelor's Degree	Air War School Command	Electronics Engineering Department	1974 - 1978

RESEARCH AREAS

Databases, Data Mining, Computer Networks

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Doctor Faculty Member	Altinbas University	Department of Computer Engineering	2017 - 2021
Doctor Faculty Member	Istanbul Esenyurt University	Department of Computer Engineering	2015 - 2017
Doctor Faculty Member	Beykent University	Mathematics Department	2011 - 2012
Doctor Faculty Member	Air War School Command	Department of Computer Engineering	2005 - 2011
Teaching Assistant	Air War School Command	Computer Department	1991 - 2005

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
Head of Department	Altinbas University	2018 -
Head of Department	Istanbul Esenyurt University	2015 - 2017
Institute Director	Air War School Command	2001 - 2011
Head of Department	Air War School Command	1994 - 2001

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)

NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)

BOOKS

GLOBAL EARTH CHANGES MANAGEMENT: TECHNOLOGICAL ADVANCES IN CHANGE OBSERVATION
Rustamov Rustam B, KURNAZ SEFER, Hasanova Sabina N, Rahimov Yahya A
Nova Science Publishers, Inc., 978-1-53612-770-6, 2018
`Scientific Book` `All`

Application of Space Technology with Fitting of Engineering Management for Pollution Monitoring
Rustamov Rustam B., KURNAZ SEFER, Salahova Saida E., Hasanova Sabina N., Zeyanlova Maral H.

BOOKS

Nova Science Publishers Inc., 978-1613242384, 2012
`Scientific Book` `All`

Veri Yapıları ve Algoritma Temelleri
KURNAZ SEFER
Papatya, 978-9756797457, 2004
`Textbook` `All`

ARTICLES

Efficient detection of refugees and migrants in Turkey using convolutional neural network
Elebe Talib Muhsen, KURNAZ SEFER
Physical Communication, 2023
`International` DOI: 10.1016/j.phycom.2023.102078

Study of Integration of Wireless Sensor Network and Internet of Things (IoT)
Najim Ali Hamzah, KURNAZ SEFER
Springer Science and Business Media LLC, 2023
`International` DOI: 10.1007/s11277-023-10556-4

Hospital Management System Design and Implementational
Alsamarrai Saif Ghazi Mohammed, KURNAZ SEFER
Hospital Management System Design and Implementational, 2023
`International`

A Novel Study of Preventing the Cyber Security Threats
RABAH Hussein Hasan Jasim, KURNAZ SEFER
International Journal of Scientific Trends- (IJST), 2023
`International`

Deep Learning Based COVID-19 Detection via Hard Voting Ensemble Method
Shareef Asaad Qasim, KURNAZ SEFER
Wireless Personal Communications, 2023
`International` DOI: 10.1007/s11277-023-10485-2

An investigational FW-MPM-LSTM approach for face recognition using defective data
Mahmood Baraa Adil, KURNAZ SEFER
Image and Vision Computing, 2023
`International` DOI: 10.1016/j.imavis.2023.104644

A new localization mechanism in IoT using grasshopper optimization algorithm and DVHOP algorithm
Al Janabi Shakir Mahmood, KURNAZ SEFER
Wireless Networks, 2023
`International` DOI: 10.1007/s11276-023-03247-2

New automatic (IDS) in IoTs with artificial intelligence technique
Jasim Alaa Firas Jasim, KURNAZ SEFER
OPTIK, 2023
`International` DOI: 10.1016/j.ijleo.2022.170417

The channel WDM system incorporates of Optical Wireless Communication (OWC) hybrid MDM-PDM for higher capacity (LEO-GEO) inter satellite link
Abdulwahid Maan M., KURNAZ SEFER
OPTIK, 2023
`International` DOI: 10.1016/j.ijleo.2022.170449

Optical disk segmentation in human retina images with golden eagle optimizer
Salman Al-Gburi Zahraa Dawood, KURNAZ SEFER
OPTIK, 2022
`International` DOI: 10.1016/j.ijleo.2022.170103

ARTICLES

Quality of service system that is self-updating by intrusion detection systems using reinforcement learning
ALAWSI Atheel Sabih Shaker, KURNAZ SEFER
Applied Nanoscience, 2022
International DOI: 10.1007/s13204-021-02172-0

Drug–target interaction prediction using artificial intelligence
YASEEN BARAA TAHA YASEEN, KURNAZ SEFER
Applied Nanoscience, 2021
International DOI: 10.1007/s13204-021-02000-5

Metamaterial Vivaldi Printed Circuit Antenna Based Solar Panel for Self-Powered Wireless Systems
Abdulmjeed Ahmed, Elwi Taha Ahmed, KURNAZ SEFER
Progress In Electromagnetics Research M,, 2021
International DOI: 10.2528/PIERM21032406

Hybrid Recommendation System Approach for appropriate developer selection in Bug Repositories
AL ALOUSH MOHANAD, AL-BAYATİ Jalal S. H., KURNAZ SEFER
DÜMF Mühendislik Dergisi, 2021
National DOI: 10.24012/dumf.818164

Quantization-aware greedy antenna selection for multi-user massive MIMO systems
Mahdi Hasan Falah, Alheety Ahmed Thair, Hamid Nather Abdulhakeem, KURNAZ SEFER
Progress In Electromagnetics Research C, 2021
International DOI: 10.2528/PIERC20102306

Proxying internet services for internet of things devices
ALRAWE Mohammed Yousif Taha, KURNAZ SEFER
Applied Nanoscience, 2021
International DOI: 10.1007/s13204-021-01986-2

PROCEEDINGS

Implementation of two polarization DQPSK WDM Is-OWC system with different precoding schemes for long-reach GEO inter Satellite link
Abdulwahid Maan M, KURNAZ SEFER
International Conference on Green Energy, Computing and Intelligent Technology (GEn-CITy 2023), 2023
International

Internet of Things: Security Threats and Proposed Solutions
Ahmed Ali Saadoon, KURNAZ SEFER
4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, 2022
International

Blockchain and Smart Contracts to Improve Dental Healthcare for Children in Primary School
Al-Rubaye Wildan Mohammed Araby, KURNAZ SEFER
2021 International Conference on Advanced Computer Applications, (ACA2021), 2021
International

Human Biometrics Detection And Recognition System Using SVM And Genetic Algorithm Iris As An Example
Waled Al-zanganawi Anfal, KURNAZ SEFER
2020 4th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 2020
International

PROJECTS

THESIS SUPERVISION

THESIS SUPERVISION

OPTIMIZING NETWORK PERFORMANCE ROUGH IMAGE PROCESSING TECHNIQUES IN OMPUTERSCIENCE IT
HUSAM AMEER ABD ALMAGED AL KHAWAJA
`2025` `Master's Degree`

LOW COST PHOTOVOLTAIC MONITORING SYSTEM BASED ON LORAWAN NETWORK
BILAL HASHIM HAMEED AL-DARRAJI
`2025` `Doctorate`

Classified VPN Network Traffic Flow Using Time Related to Machine Learning
SAAD ABDALLA AGAILI MOHAMED
`2024` `Doctorate`

FACE RECOGNITION BY IMPROVE SUPPORT VECTOR MACHINE CLASSIFIER
HAWRAA JAAFAR MURAD KASHKOOL
`2024` `Master's Degree`

A localization mechanism method in IoT using grasshopper optimization algorithm and DVHop algorithm
SHAKIR MAHMOOD AL JANABI
`2023` `Doctorate`

A secure 5G data communication protocol based novel ai technique
AHMED NAIF HADI ALJBOURI
`2023` `Master's Degree`

COURSES

Course Type	Course Code	Course Name
Master's Degree	IT542	DATABASE SYSTEMS
Master's Degree	IT581	INFORMATION SYSTEMS ANALYSIS AND DESIGN
Master's Degree	ECE518	COMPUTER NETWORK ANALYSIS AND DESIGN
Master's Degree	ECE515	ADVANCED DATABASE SYSTEMS
Bachelor's Degree	CE204	DATA STRUCTURES AND ALGORITHMS
Bachelor's Degree	CE310	ANALYSIS OF ALGORITHMS
Bachelor's Degree	CE331	COMPUTER ORGANIZATION
Bachelor's Degree	CE362	DATABASE SYSTEMS MANAGEMENT
Bachelor's Degree	CE320	PROGRAMMING LANGUAGES
Bachelor's Degree	CE491	COMPUTER ENGINEERING DESIGN PROJECT I

PERSONAL INFORMATION

CONTACT INFORMATION

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