

AYDIN ÇETİN

PROF.

Email : acetin@gazi.edu.tr

Office Phone : [+90 312 202 8597](tel:+903122028597)

Fax Phone : [+90 312 202 8947](tel:+903122028947)

International Researcher IDs

ScholarID: 5Qv3g4UAAAAJ

ORCID: 0000-0002-8669-823X

Publons / Web Of Science ResearcherID: AAI-1112-2019

ScopusID: 14047836100

Yoksis Researcher ID: 58585

Learning Knowledge

Doctorate
1996 - 2002

Gazi University, Fen Bilimleri Enstitüsü, Elektrik Eğitimi (Dr), Turkey

Postgraduate
1994 - 1996

Louisiana State University and Agricultural and Mechanical College, Electrical And Computer Engineering, United States Of America

Undergraduate
1982 - 1987

Gazi University, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Bir anahtarlamalı relüktans motorun hibrid gözlemci ile pozisyon algılayıcısız çalıştırılması, Gazi University, Fen Bilimleri Enstitüsü, Elektrik Eğitimi (Dr), 2001

Postgraduate, Quasi-Periodic Waveforms : Computer Verification of the Running Approach, Louisiana State University and Agricultural and Mechanical College, Electrical And Computer Engineering, 1996

Academic Titles / Tasks

Professor
2020 - Continues

Gazi University, Teknoloji Fakültesi, Bilgisayar Mühendisliği

Associate Professor
2012 - 2020

Gazi University, Teknoloji Fakültesi, Bilgisayar Mühendisliği

Associate Professor
2011 - 2012

Gazi University, Teknik Eğitim Fakültesi, Elektronik ve Bilgisayar Eğitimi

Assistant Professor
2008 - 2011

Gazi University, Teknik Eğitim Fakültesi, Elektronik ve Bilgisayar Eğitimi

Assistant Professor
2002 - 2008

Mugla Sitki Kocman University, Faculty Of Technical Education, Department Of Electronics And Computer Education

Research Assistant
1998 - 2002

Gazi University, Fen Bilimleri Enstitüsü, -

Research Assistant
1996 - 1998

Middle East Technical University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü

Research Assistant
1993 - 1996

Mugla Sitki Kocman University, Faculty Of Technical Education, Department Of Electric Education

Supported Projects

1. ÇETİN A., Project Supported by Higher Education Institutions, Gezici IPv6 Ağlarında Hücre Geçişinde Yaşanan Veri Kaybı ve Zaman Gecikmesinin Gezgın Ajan Sistemler Kullanılarak İyileştirilmesi, 2010 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

1. **An Ensemble Keyword Extraction Model for News Texts with Statistical and Graphical Features**
Abibullayeva A., Killıç H., ÇETİN A.
International Journal of Software Engineering and Knowledge Engineering, vol.34, no.7, pp.1047-1061, 2024 (SCI-Expanded)
2. **Point of Interest Coverage with Distributed Multi-Unmanned Aerial Vehicles on Dynamic Environment**
Aydemir F., Çetin A.
COMPUTER SCIENCE AND INFORMATION SYSTEMS, vol.20, no.3, pp.1061-1084, 2023 (SCI-Expanded)
3. **A Novel Graph-Based Ensemble Token Classification Model for Keyword Extraction.**
Çetin A., Kılıç H.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.1, no.1, pp.1-15, 2023 (SCI-Expanded)
4. **Adjusting ECN marking threshold in multi-queue DCNs with deep learning**
Amanov A., Majidi A., Jahnabakhsh N., ÇETİN A.
JOURNAL OF SUPERCOMPUTING, vol.79, no.5, pp.5443-5468, 2023 (SCI-Expanded)
5. **Keyword extraction as sequence labeling with classification algorithms**
Unlu H. K., ÇETİN A.
NEURAL COMPUTING & APPLICATIONS, vol.35, no.4, pp.3413-3422, 2023 (SCI-Expanded)
6. **Point of interest coverage with distributed multi-unmanned aerial vehicles based on distributed reinforcement learning Dağıtık pekiştirmeli öğrenme tabanlı çoklu insansız hava aracı ile ilgi çekici**

nokta kapsama

Aydemir F., ÇETİN A.

Journal of the Faculty of Engineering and Architecture of Gazi University, vol.39, no.1, pp.563-575, 2023 (SCI-Expanded)

7. **Multi-Agent Dynamic Area Coverage Based on Reinforcement Learning with Connected Agents**
Aydemir F., ÇETİN A.
COMPUTER SYSTEMS SCIENCE AND ENGINEERING, vol.45, no.1, pp.215-230, 2023 (SCI-Expanded)
8. **Weighted Ensemble Object Detection with Optimized Coefficients for Remote Sensing Images**
Korez A., BARIŞCI N., ÇETİN A., ERGÜN U.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.9, no.6, 2020 (SCI-Expanded)
9. **Hierarchical Behavior Model for Multi-Agent System with Evasion Capabilities and Dynamic Memory**
ÇETİN A., Bulbul E.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.9, no.4, 2020 (SCI-Expanded)
10. **Detecting DDoS Attacks in Software-Defined Networks Through Feature Selection Methods and Machine Learning Models**
Polat H., Polat O., Çetin A.
SUSTAINABILITY, vol.12, no.3, 2020 (SCI-Expanded)
11. **Differential Diagnosis of Erythematous Squamous Diseases With Feature Selection and Classification Algorithms**
ÇETİN A., Gokhan T.
NATURE-INSPIRED INTELLIGENT TECHNIQUES FOR SOLVING BIOMEDICAL ENGINEERING PROBLEMS, pp.103-129, 2018 (SCI-Expanded)
12. **Diagnosis of Chronic Kidney Disease Based on Support Vector Machine by Feature Selection Methods**
Polat H., Danaei Mehr H., Çetin A.
JOURNAL OF MEDICAL SYSTEMS, vol.41, no.4, 2017 (SCI-Expanded)
13. **APK Auditor: Permission-based Android malware detection system**
Kabakus A. T., Alper D. I., Aydin C.
DIGITAL INVESTIGATION, vol.13, pp.1-14, 2015 (SCI-Expanded)
14. **3D Web Based Learning of Medical Equipments Employed in Intensive Care Units**
ÇETİN A.
JOURNAL OF MEDICAL SYSTEMS, vol.36, no.1, pp.167-174, 2012 (SCI-Expanded)
15. **Planning of the GSM network broadcast control channel with data fusion**
Birogul S., ELMAS Ç., ÇETİN A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.3, pp.2421-2431, 2011 (SCI-Expanded)
16. **An educational tool for fuzzy logic-controlled BDCM**
Akçayol M. A., ÇETİN A., Elmas Ç.
IEEE TRANSACTIONS ON EDUCATION, vol.45, no.1, pp.33-42, 2002 (SCI-Expanded)

Articles Published in Other Journals

1. **Prediction of Water Quality with Ensemble Learning Algorithms**
Aljaraj F., ÇETİN A.
Advances in Artificial Intelligence Research, vol.3, no.1, pp.36-44, 2023 (Peer-Reviewed Journal)
2. **Machine Learning Based Music Genre Classification and Recommendation System**
YILMAZ P., AKÇAKAYA Ş., ÖZKAYA Ş. D., ÇETİN A.
El-Cezeri Journal of Science and Engineering, vol.9, no.4, pp.1560-1571, 2022 (Scopus)
3. **Keyword Extraction from Kazakh News Dataset with BERT**
ABİBULLAYEVA A., ÇETİN A.
El-Cezeri Journal of Science and Engineering, vol.9, no.4, pp.1193-1200, 2022 (Scopus)

4. **Adli Bilişim İncelenme Süreçlerinde Yapay Zeka Kullanımı: VGG16 ile Görüntü Sınıflandırma**
Dilber İ., ÇETİN A.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.9, pp.1695-1706, 2021 (Peer-Reviewed Journal)
5. **Yinelenen Yazılım Hata Kayıtlarının Makine Öğrenmesi Ve Derin Öğrenme Yöntemleri İle Tespit Edilmesi**
Yüksel A., ÇETİN A.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.8, no.5, pp.45-51, 2020 (Peer-Reviewed Journal)
6. **Natural Language Question Answering System over Linked Data**
KABAKUŞ A. T., ÇETİN A.
Eskişehir Technical University Journal of Science and and Technology a- Applied Sciences and Engineering (Online), vol.20, no.3, pp.274-295, 2019 (Peer-Reviewed Journal)
7. **AFRİKA'DA E-SAĞLIĞIN GELİŞİMİ VE FIRSATLAR: GABON ÖRNEĞİ**
Bouraima O. O., ÇETİN A.
Muğla Journal of Science and Technology, vol.3, no.1, pp.39-44, 2017 (Peer-Reviewed Journal)
8. **Assigning Product Development roles to Software Engineers based on Personality types and Skills**
ÇELİKTEKİN A., ÇETİN A.
Academic Journal of Sciences, vol.7, no.3, pp.475-486, 2017 (Peer-Reviewed Journal)
9. **A Comparative Analysis Of Steganography Methodologies Used in Social Media**
Razavi N., ÇETİN A.
Academic Journal of Science, vol.6, no.1, pp.29-37, 2016 (Peer-Reviewed Journal)
10. **Recent Advances Issues and Patents on Medical Nanorobots**
Çelikten A., ÇETİN A.
Recent Patents on Engineering, vol.10, no.1, pp.28-35, 2016 (Scopus)
11. **Designing A Pipeline With Big Data Technologies For Border Security**
Aydemir F., ÇETİN A.
Muğla Journal Of Science and Technology, vol.2, no.1, pp.98-101, 2016 (Peer-Reviewed Journal)
12. **The Analysis Of Layer 2 Handover Performance For Mobile Ipv6 Using Omnet Simulation Tool**
ÇETİN G., ÇETİN A.
Muğla Journal of Science and Technology, vol.1, no.1, pp.34-38, 2015 (Peer-Reviewed Journal)
13. **Android Kötücül Yazılım Tespit ve Koruma Sistemleri**
KABAKUŞ A. T., DOĞRU İ. A., ÇETİN A.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.31, no.1, pp.9-16, 2015 (Peer-Reviewed Journal)
14. **Uzaktan Eğitime Yönelik Anlamsal Soru Cevap Sistemi Semantic Question and Answer System for Distance Education**
KABAKUŞ A. T., ÇETİN A.
Erciyes Üniversitesi Fen Bilimleri Dergisi, vol.30, no.3, pp.193-197, 2014 (Peer-Reviewed Journal)
15. **Linux İşletim Sistemi Tabanlı Düşük Maliyetli Bir MIPv6 Test Yatağı Uygulaması**
ÇETİN G., ÇETİN A.
Bilişim Teknolojileri Dergisi, vol.6, no.1, pp.33-41, 2013 (Peer-Reviewed Journal)
16. **A Novel Graph-Based Ensemble Token Classification Model for Keyword Extraction**
Kılıç H., ÇETİN A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 1 (Scopus)

Books & Book Chapters

1. **Multi-circle Detection Using Multimodal Optimization**
ÇETİN A., REZAI S., AKAN T.
in: Engineering Applications of Modern Metaheuristics, , Editor, Springer International Publishing, pp.193-209, 2022
2. **A Decision Support System for RoleAssignment in Software Project Managementwith Evaluation of**

Personality Types

ÇELİKTEK A., Kurt E., ÇETİN A.

in: Lecture Notes on Data Engineering and Communications Technologies: Artificial Intelligence and Applied Mathematics in Engineering Problems, Hemanth, D. Jude, Kose, Utku, Editor, Springer Nature Switzerland AG, pp.200-210, 2020

3. Safe Map Routing Using Heuristic AlgorithmBased on Regional Crime Rates

ALPKOÇAK A., ÇETİN A.

in: Lecture Notes on Data Engineering and Communications Technologies: Artificial Intelligence and Applied Mathematics in Engineering Problems, Hemanth, D. Jude, Kose, Utku, Editor, Springer Nature Switzerland AG, pp.335-346, 2020

4. Real Time Performance Comparisonof Multi-class Deep Learning Methodsat the Edge

SONMEZ D., ÇETİN A.

in: Lecture Notes on Data Engineering and Communications Technologies: Artificial Intelligence and Applied Mathematics in Engineering Problems, Hemanth, D. Jude, Kose, Utku, Editor, Springer Nature Switzerland AG, pp.853-867, 2020

5. Differential Diagnosis of Erythematous Squamous Diseases With Feature Selection and Classification Algorithms

ÇETİN A., GÖKHAN T.

in: Nature-Inspired Intelligent Techniques for Solving Biomedical Engineering Problems, Kose Utku, Guraksin Gur Emre, Deperlioglu Omer, Editor, IGI Global, pp.103-129, 2018

Refereed Congress / Symposium Publications in Proceedings

1. An End-to-End Deployment Workflow for AI Enabled Agriculture Applications at the Edge

Sönmez D., ÇETİN A.

2024 6th International Conference on Computing and Informatics (ICCI), Cairo, Egypt, 6 - 08 March 2024, pp.506-511

2. Artificial Intelligence Based Employee Attrition Analysis and Prediction

ÖZAKCA N. S., BULUŞ A., ÇETİN A.

2024 6th International Conference on Computing and Informatics (ICCI), Cairo, Egypt, 6 - 08 March 2024, pp.512-517

3. A Case Study for Language-Free Keyword Extraction with Statistical and Graph-Based Features

Kılıç Ünlü H., ABİBULLAYEVA A., ÇETİN A.

2024 6th International Conference on Computing and Informatics (ICCI), Cairo, Egypt, 6 - 08 March 2024, pp.518-521

4. Comparative Time Complexity Analysis Of Genetic Algorithm Approaches In Job-Shop Scheduling Problems

Konar U., ÇETİN A.

7th International Aegean Conferences on Innovation Technologies & Engineering, İzmir, Turkey, 26 - 27 April 2023

5. Deep Fake Detection With 2-Layer Convolutional Neural Network Connected Efficientnetb5 Model

Büyükcavcılar M., ÇETİN A.

2. International Atlas Congress On Applied Sciences, Konya, Turkey, 9 - 10 March 2023

6. A Novel Approach Detection for False Data Injection, and Man in the Middle Attacks in IoT and IIoT

GÖNEN S., BARIŞKAN M. A., Kaplan D. Y., YILMAZ E. N., ÇETİN A.

2023 IEEE PES Generation, Transmission and Distribution International Conference and Exposition, GTD 2023, İstanbul, Turkey, 22 - 25 May 2023, pp.278-282

7. Balistik Füze Saldırı Benzetimi: Öngörüllü Model Yaklaşımı İle Füze Güzergâhı Ve Hedef Tespiti

Bülbül E., ÇETİN A.

3. Uluslararası Savunma Sanayi Sempozyumu, Kırıkkale, Turkey, 7 - 09 October 2021, pp.55-58

8. **Botnet attack detection using convolutional neural networks in the iot environment**
Karaca K. N., ÇETİN A.
2021 International Conference on INnovations in Intelligent SysTems and Applications, INISTA 2021, Kocaeli, Turkey, 25 - 27 August 2021
9. **Author Identification with Chicken Swarm Optimization Algorithm and Adaboost Approaches**
Güllü M., Polat H., Çetin A.
2020 5th International Conference on Computer Science and Engineering (UBMK), Diyarbakır, Turkey, 9 - 11 September 2020, pp.290-294
10. **Hisse Senedi Fiyat Kestiriminde Derin Öğrenme ve SVM Yöntemlerinin Başarım Oranı Karşılaştırılması**
UZUN F. B., ÇETİN A.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2019, Antalya, Turkey, 20 - 22 April 2019, pp.1-16
11. **A Survey on Keyword and Key Phrase Extraction with Deep Learning**
Ünlü Ö., ÇETİN A.
2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 11 - 13 October 2019
12. **Credit Risk Estimation With Machine Learning**
OKUR H., ÇETİN A.
2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 11 - 13 October 2019
13. **Dronelar için Otomatik Rota Tayini ve Takibi**
GÖKÇE Ş., ÇETİN A.
3rd International Symposium on Innovative Approaches in Scientific Studies, Ankara, Turkey, 19 - 21 April 2019, pp.41-43
14. **Fog Based Architecture Design for IoT with Private Nodes: A Smart Home Application**
Kanyılmaz A., ÇETİN A.
7th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), İstanbul, Turkey, 25 - 26 April 2019, pp.194-198
15. **User-Based Solutions for Android Malware Detection**
Alper A., ÇETİN A.
2018 2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 19 - 21 October 2018
16. **Güvenlik Uygulamaları için Ajan Sistemler ve Otonomi**
Ünlü Ö., ÇETİN A.
2nd International Symposium on Innovative Approaches in Scientific Studies, 30 November - 02 December 2018, pp.1391-1395
17. **A Fuzzy Clustering Based Decision Support System for Role Distribution in Software Management**
Kurt E., ÇELİKTEKİN A., ÇETİN A.
4th International Conference on Engineering and Natural Sciences, 2 - 06 May 2018, pp.179
18. **Digital Forensics in Systems with Autonomous Behaviour**
ÇETİN A.
4th International Conference on Engineering and Natural Sciences, 2 - 06 May 2018, pp.178
19. **Human Activity Recognition Using Smartphones**
Bulbul E., ÇETİN A., DOĞRU İ. A.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.57-62
20. **User-Based Solutions for Android Malware Detection**
Altınay A., ÇETİN A.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.355-359

21. **Realization of Keyboard Instruments on Mobile Platform with Mixed Reality**
Celik E., ÇETİN A.
Innovations in Intelligent Systems and Applications Conference (ASYU), Adana, Turkey, 4 - 06 October 2018, pp.152-156
22. **Performance of ML Methods in Estimating Net Energy Produced in A Combined Cycle Power Plant**
Islıkaye A. A., ÇETİN A.
6th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), İstanbul, Turkey, 25 - 26 April 2018, pp.217-220
23. **Using Agent System In Intrusion Detection System**
Söğüt E., Erdem O. A., Çetin A.
10. Uluslararası Bilgi Güvenliği ve Kriptoloji Konferansı, Ankara, Turkey, 20 - 21 October 2017, pp.52-55
24. **Optimization of Grid-Graphs using Segmentation**
Bulbul E., ÇETİN A.
2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017
25. **Yazılım Mühendisliğinde Mantıksal Akıl Yürütme ve Analoji**
ÇETİN A.
International Academic Research Congress INES-2016, Side, Turkey, 3 - 05 November 2016, vol.1, pp.2798-2806
26. **Kişisel Tıbbi Görüntüleme Raporlarının Sayısal Ortamda Güvenli İletimi ve Saklanması**
Aksoy Ç., ÇETİN A.
International Academic Research Congress INES-2016, Side, Turkey, 3 - 05 November 2016, vol.1, pp.1809-1816
27. **A Review of the Role of Cognition on Software Engineering In Terms of Personality Traits and Program Comprehension**
Çelikten A., ÇETİN A.
International Conference on Computer Science and Engineering, Tekirdağ, Turkey, 20 - 23 October 2016, vol.1, pp.501-506
28. **Multi Circle Detection Using Multimodal Particle Swarm Optimization**
Rezai S., ÇETİN A.
1ST International Conference on Advances Research on Electrical and Computer Engineering, 11 - 12 May 2016
29. **MS Kinect Applications and Opportunities for People with Physical Disabilities**
ÇUBUKÇU B., ÇETİN A.
International Multidisciplinary Conference IMUCO'xx16, Antalya, Turkey, 21 - 22 April 2016, pp.459-465
30. **Kurumsal Ağlarda Uzak ve Merkezi İşlem Birimlerinin Sanallaştırılması Bir Uygulama**
ÇOLAK E., ÇETİN A.
Akademik Bilişim 2016, AB2016, Aydın, Turkey, 3 - 05 February 2016
31. **Finding a Best Parking place Using Exponential Smoothing and Cloud System in a Metropolitan Area**
Majidi A., POLAT H., ÇETİN A.
4th International Istanbul Smart Grid Congress and Fair (ICSG), İstanbul, Turkey, 20 - 21 April 2016, pp.80-84
32. **Resident Activity Recognition in Smart Homes by Using Artificial Neural Networks**
Mehr H. D., POLAT H., ÇETİN A.
4th International Istanbul Smart Grid Congress and Fair (ICSG), İstanbul, Turkey, 20 - 21 April 2016, pp.75-79
33. **Contribution Of Youtube Education to In Class Critical Thinking Course in Computer Engineering**
ÇAĞLA A., ÇETİN A.
Conference of the International Journal of Arts and Sciences, Vienna, Austria, 19 - 23 April 2015, vol.8, pp.273-275
34. **Creating Database for Collaborative Study on Health with Use of Social Media and Mobile Technologies**
GÖKHAN T., ÇETİN A.
Conference of the International Journal of Arts and Sciences, Vienna, Austria, 19 - 23 April 2015, vol.8, pp.277-280
35. **Yüksek Performanslı Dağıtık Hesaplama Sistemlerinde Güncel Yaklaşımların Karşılaştırmalı Analizi**
GÖKHAN T., ÇETİN A.
Akademik Bilişim 2015 , AB2015, Turkey, 4 - 06 February 2015

36. **Intrusion Detection System Based on Intelligent Software Agents**
 Mohammadzadeh H., ÇETİN A.
 2nd national conference on applied research in computer science and information technology, 01 May 2014
37. **A 3D Game Based Learning Application in Engineering Education: Powering a Recreational Boat with Renewable Energy Sources**
 ÇETİN A.
 15th International Conference on Interactive Collaborative Learning (ICL), Villach, Austria, 26 - 28 September 2012
38. **Medical devices technology teacher's aspects to web-based vocational in-service training**
 Kaymak M. N., Pakyürek Ö., ÇETİN A., GÜLER İ.
 IADIS International Conference e-Learning 2010, Part of the IADIS Multi Conference on Computer Science and Information Systems 2010, MCCSIS 2010, Freiburg, Germany, 26 - 29 July 2010, vol.1, pp.243-250
39. **Collaborative E Learning Environment for Biomedical Specialists Training**
 IŞIK A. H., AKMAN AYDIN E., ÇETİN A.
 Interactive Computer Aided Learning-ICL2010, 15 - 17 September 2010, pp.331-336
40. **A WEB3D Application in Biomedical Engineering Education**
 AKMAN AYDIN E., IŞIK A. H., ÇETİN A., GÜLER İ.
 Interactive Computer Aided Learning-ICL2010, 15 - 17 September 2010, pp.190-194

Academic and Administrative Experience

2012 - 2014	Head of Department	Gazi University, Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü
2008 - 2009	Deputy Head of Department	Gazi University, Teknik Eğitim Fakültesi, Bilgisayar Sistemleri Eğitimi Bölümü
2003 - 2005	Head of Department	Mugla Sitki Kocman University, Teknik Eğitim Fakültesi, Elektronik Ve Bilgisayar Eğitimi Bölümü
2003 - 2005	Head of Department	Mugla Sitki Kocman University, Teknik Eğitim Fakültesi, Elektronik Ve Bilgisayar Eğitimi Bölümü
2003 - 2004	Vice Dean	Mugla Sitki Kocman University, Teknik Eğitim Fakültesi, Elektronik Ve Bilgisayar Eğitimi Bölümü

Courses

YAZILIM MÜHENDİSLİĞİ PROJE YÖNETİMİ, Undergraduate, 2021 - 2022, 2020 - 2021
 SOFTWARE ENGINEERING, Undergraduate, 2021 - 2022, 2020 - 2021
 BİLİŞSEL HESAPLAMA VE ZEKİ MAKİNELER, Doctorate, 2020 - 2021, 2019 - 2020
 OTONOM SİSTEMLER, Postgraduate, 2019 - 2020

Advising Theses

Çetin A., Comparative analysis and performance optimization of solving the job shop scheduling problem using genetic algorithm with monolithic and microservice architectures, Postgraduate, U.KONAR(Student), 2023
 Çetin A., Deep fake detection on pictures and videos with deep learning, Postgraduate, M.BÜYÜKAVCILAR(Student), 2023
 Çetin A., A multi-agent air defense system simulation, Doctorate, E.BÜLBÜL(Student), 2023
 Çetin A., A NOVEL ENSEMBLE KEYWORD EXTRACTION MODEL IN THE KAZAKH LANGUAGE WITH MACHINE LEARNING,

Doctorate, A.ABİBULLAYEVA(Student), 2023

Çetin A., Collective intelligence application in unmanned air vehicles, Doctorate, F.AYDEMİR(Student), 2023

Çetin A., A novel sequential labeling based hybrid keyword extraction model, Doctorate, H.KILIÇ(Student), 2023

Çetin A., Network traffic optimization with deep reinforcement learning in data centers, Doctorate, A.AMANOV(Student), 2023

Çetin A., CLASSIFICATION OF NAVAL SHIPS WITH DEEP LEARNING, Postgraduate, O.ÇELİK(Student), 2022

Çetin A., Adli bilişim incelenme süreçlerinde yapay zeka kullanımı, Postgraduate, İ.DİLBER(Student), 2022

ÇETİN A., Credit Risk Prediction With Machine Learning Methods, Postgraduate, H.OKUR(Student), 2020

ÇETİN A., Fog Infrastructure Architecture Design For Internet Of Things: A Smart Home Application, Postgraduate, A.KANYILMAZ(Student), 2020

ÇETİN A., Role Assignment Suitable To Personality Types In Software Project Management, Postgraduate, A.ÇELİKTEN(Student), 2019

ÇETİN A., Auto Route Assignment And Monitoring For Drones, Postgraduate, Ş.GÖKÇE(Student), 2019

ÇETİN A., Secure Transmission And Storage Of Personal Medical Image Reports In Digital Media, Postgraduate, Ç.AKSOY(Student), 2017

ÇETİN A., Electrostatic Based Multimodel Partical Swarm Optimization Algorithms For Multi Circle Detection, Postgraduate, S.REZAI(Student), 2017

ÇETİN A., High Capacity Data Hiding In Lsb Steganography, Postgraduate, N.RAZAVI(Student), 2017

ÇETİN A., Opportunities And Development Of E-Health In Africa: Gabon Case, Postgraduate, O.Omanda(Student), 2017

ÇETİN A., Opportunities and development of e-health in Africa: Gabon case, Postgraduate, O.OMANDA(Student), 2017

ÇETİN A., Sınır güvenliği için büyük veri teknik ve teknolojileri ile boru hattı tasarımı, Postgraduate, F.AYDEMİR(Student), 2016

ÇETİN A., An Interactive Big Data Warehouse Platform Development And Implementatıon For Nutrition And Health Researches, Postgraduate, T.GÖKHAN(Student), 2016

ÇETİN A., The Virtualization Of Distant And Central Processing Unit In Institutional Network, Postgraduate, E.ÇOLAK(Student), 2016

ÇETİN A., Designing A Pipeline With Big Data Techniques And Technologies For Border Security, Postgraduate, F.Aydemir(Student), 2016

ÇETİN A., A semantic web based natural language question answeringsystem, Postgraduate, A.TALHA(Student), 2014

ÇETİN A., ELMAS Ç., Improvement of handover data losses and time latency in mobile IPv6 network by using mobile agent systems, Doctorate, G.ÇETİN(Student), 2013

ÇETİN A., Design and implementation of a mobile direction support system for visually impaired individuals, Postgraduate, M.ALİ(Student), 2010

GÜLER İ., ÇETİN A., Design and implementation of an ECG with usb interface, Postgraduate, H.BAŞAL(Student), 2010

ÇETİN A., Web tabanlı bir karar destek yazılımının geliştirilmesi, Postgraduate, M.GÜNEŞ(Student), 2009

ÇETİN A., WEB TABANLI BİR KARAR DESTEK YAZILIMININ GELİSTİRİLMESİ, Postgraduate, M.Günes(Student), 2009

ÇETİN A., ELMAS Ç., GSM şebekelerinde frekans planlamasının veri füzyonu ile gerçekleştirilmesi, Doctorate, S.BİROĞUL(Student), 2008

ÇETİN A., İnternet tabanlı uzaktan denetim için bir arayüz tasarımı, Postgraduate, M.KADİR(Student), 2008

ÇETİN A., Fotovoltaik sistem benzetimi ve eğitimi için bir simulink araç kutusu tasarım ve uygulaması, Postgraduate, İ.MELİHA(Student), 2007

ÇETİN A., Fotovoltaik sistemler için gerçek zamanlı bir izleme merkezi tasarım ve uygulaması, Postgraduate, B.BAHTİYAR(Student), 2006

ÇETİN A., Fotovoltaik sistemler için internet üzerinden gerçek zamanlı bir izleme sistemi tasarım ve uygulaması, Postgraduate, C.KAPUCU(Student), 2006

ÇETİN A., Analitik hiyerarşi yöntemini kullanan bir karar destek yazılımının geliştirilmesi, Postgraduate, M.GÖK(Student), 2006

Advising Graduates (Non-Thesis)

Çetin A., Yinelenen Yazılım Hata Kayıtlarının Makine Öğrenmesi ve Derin Öğrenme Yöntemleri ile Tespi Edilmesi, Masters (Non-Thesis), A.YÜKSEL(Student), 2020

Tasks In Event Organizations

Çetin A., 2024 Innovations in Intelligent Systems and Applications Conference (ASYU), Scientific Congress, Turkey, Ekim 2024

Çetin A., 2023 IEEE PES Generation Transmission and Distribution Conference & Exposition Asia, Scientific Congress, İstanbul, Turkey, Mayıs 2023

Çetin A., 2019 7th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), Scientific Congress, Turkey, Nisan 2019

Çetin A., 2018 6th International Istanbul Smart Grid and Cities Congress and Fair (ICSG), Scientific Congress, Turkey, Nisan 2018

Çetin A., 2017 5th International Istanbul Smart Grid and Cities Congress and Fair (ICSG), Scientific Congress, Turkey, Nisan 2017

Çetin A., 4th International İstanbul Smart Grid and Cites Congress and Fair, Scientific Congress, Turkey, Nisan 2016

Metrics

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H-Index (Scopus): 9

Invited Talks

INDIA SMART GRID WEEK (ISGW 2018), Conference, India Smart Grid Forum (ISGF), India, March 2018

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Software, Engineering and Technology