

Res. Asst. GÖKHAN AZİZOĞLU

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 32605

Email: gazizoglu@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/gazizoglu>

Address: Erciyes Üniversitesi Mühendislik Fakültesi Bilgisayar Mühendisliği Bölümü Talas/KAYSERİ

International Researcher IDs

ScholarID: xXf1kugAAAAJ

ORCID: 0000-0001-8378-9374

Publons / Web Of Science ResearcherID: ACU-2130-2022

ScopusID: 57254707500

Yoksis Researcher ID: 321300

Biography

Gökhan Azizoğlu has completed undergraduate programs in Biomedical and Computer Engineering, as well as a graduate program in Computer Engineering at Erciyes University. He currently works as a research assistant in the Computer Engineering department at Cumhuriyet University. During his graduate studies, he focused on Image Processing and Digital Image Watermarking. Additionally, he has developed solutions for classifying certain diseases using machine learning and deep learning methods.

Later, he was accepted into the doctoral program at Erciyes University where he continue their research on artificial intelligence-supported solutions for urban intelligent transportation. With his studies, he aims to produce solutions for the effectiveness and efficiency of urban transportation.

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, --, Turkey 2021 - Continues

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, --, Turkey 2020 - 2021

Undergraduate, Erciyes University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2016 - 2019

Undergraduate, Erciyes University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, Turkey 2011 - 2015

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

IT, CISCO CCNA, Erciyes Üniversitesi, 2015

Dissertations

Postgraduate, A novel reversible fragile digital image watermarking method, Erciyes University, Fen Bilimleri Enstitüsü, --, 2021

Research Areas

Pattern Recognition and Analysis, Information Security and Reliability, Hiding Information, Cryptography, Computer Vision, Computer Learning, Software Engineering, Software

Academic Titles / Tasks

Research Assistant, Erciyes University, Fen Bilimleri Enstitüsü, --, 2023 - Continues

Research Assistant, Sivas Cumhuriyet University, Teknoloji Fakültesi, Yazılım Mühendisliği Bölümü, 2020 - 2023

Research Assistant, Cappadocia University, Faculty Of Economics And Administrative Sciences, Department Of Management Information Systems, 2020 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel reversible fragile watermarking method in DWT domain for tamper localization and digital image authentication**
Azizoğlu G., Toprak A. N.
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.84, pp.1-20, 2023 (SCI-Expanded)

Books & Book Chapters

- I. **A QR Code-Based Robust Color Image Watermarking Technique**
Azizoğlu G., Toprak A. N.
in: 4th International Conference on Artificial Intelligence and Applied Mathematics in Engineering, D.Jude Hemanth, Tuncay Yigit, Utku Kose, Ugur Guvenc, Editor, Springer Nature, Baku, pp.445-457, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Predicting Phenological Stages with Deep Neural Network Models to Increase Efficiency in Tomato Production**
Azizoğlu F., Azizoğlu G., Toprak A. N., Sağlam C.
2024 32nd Signal Processing and Communications Applications Conference (SIU), Mersin, Turkey, 15 - 18 May 2024, pp.1-4
- II. **An Automatic Fuel Dispensing System Using YOLOv5-Based Vehicle Identification: A Real-Life Application**
Azizoglu G., Toprak A. N., Akkaya S.
2024 32nd Signal Processing and Communications Applications Conference (SIU), Mersin, Turkey, 15 - 18 May 2024, pp.1-4
- III. **Predicting Academic Performance of Students Using Machine Learning Techniques**
Azizoğlu G., Azizoğlu F., Toprak A. N., Gül M. F., Zoralioğlu Y.
2023 Innovations in Intelligent Systems and Applications Conference (ASYU), Sivas, Turkey, 11 - 13 October 2023, pp.1-6
- IV. **S-141 Anksiyete Ve Depresyon Hastalarında İntihar Girişiminin Makine Öğrenmesi İle Değerlendirilmesi**

Azizođlu G., Grkeimli T., zmen S., Demirci E., Toprak A. N.

31. Ulusal ocuk ve Ergen Ruh Sađlıđı ve Hastalıkları Kongresi, İzmir, Turkey, 17 - 20 May 2022, pp.619-626

V. **A novel reversible fragile watermarking in DWT domain for tamper localization and digital image authentication**

Azizođlu G., Toprak A. N.

9th International Symposium on Digital Forensics and Security (ISDFS), Elazıđ, Turkey, 28 - 29 June 2021, pp.1-6

Supported Projects

TOPRAK A. N., İFTASLAN B., AZİZOĐLU G., Project Supported by Higher Education Institutions, Mobil Uygulama Tabanlı Akıllı Seyahat neri Sistemi, 2024 - Continues

TOPRAK A. N., AZİZOĐLU G., Project Supported by Higher Education Institutions, Kentsel Akıllı Ulaşım Sistemleri iin Yapay Zeka Destekli zmler, 2023 - Continues

Azizođlu G., elikbař M. K., KOSGEB, Smart Parking Management System with Mobile Reservation, 2023 - 2024

Kurban R., Toprak A. N., řahin ., Azizođlu G., Dedetrk B. K., TUBITAK Project, Yapay Zeka Destekli Su Ynetim Yazılım Platformu Geliřtirilmesi, 2022 - 2024

Azizođlu G., Yksek A. G., Elik A. U., Project Supported by Higher Education Institutions, Seralarda Grev Alacak Otonom Gbreleme ve apalama Yeteneđine Sahip İnsansız Kara Aracının Geliřtirilmesi, 2023 - 2023

Azizođlu G., elikbař M. K., KOSGEB, Eđitim Sosyal Ađı, 2020 - 2021

Student Project

Software Project, Yapay Zekâ Destekli Kiřiselleřtirilmiř Seyahat neri Sistemi, Erciyes University, Fen Bilimleri Enstits, - , Turkey, 2024 - Continues

Software Project, BiMateryal - cretsiz Eđitim Materyali Paylařım Platformu, Sivas Cumhuriyet University, Mhendislik Fakltesi, Bilgisayar Mhendisliđi, Turkey, 2023 - 2023

Software Project, Rahim Ađzı Kanserinin Tahmini ve Rahim Kanseri n Risk Analizi Mobil Uygulaması, Sivas Cumhuriyet University, Mhendislik Fakltesi, Bilgisayar Mhendisliđi, Turkey, 2023 - 2023

Software Project, Elektronik Sporda Yetenek Keřfetme (Talent Scouting) Platformu, Sivas Cumhuriyet University, Mhendislik Fakltesi, Bilgisayar Mhendisliđi, Turkey, 2023 - 2023

Scientific Research / Working Group Memberships

Erciyes University Computer Vision Laboratory, Erciyes University, Turkey, <https://vision.erciyes.edu.tr/>, 2020 - Continues

Metrics

Publication: 7

H-Index (WoS): 1

Non Academic Experience

Kayseri Ulaşım A.ř.

Kayseri Ulaşım A.ř.

Kayseri Ulaşım A.ř.