

Lect. EMRAH ÖZKAYNAK

Personal Information

Birthyear: 1979

Place of birth: Ereğli

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Education Information

Doctorate, Karabük Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2016 - Continues

Under Graduate, Karabük Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2017 - 2018

Post Graduate, Karabük Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2011 - 2013

Under Graduate, Zonguldak Bülent Ecevit Üniversitesi, Karabük Teknik Eğitim Fakültesi, Bilgisayar Öğretmenliği, Turkey 2001 - 2005

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, Çalışma ve Sosyal Güvenlik Bakanlığı, 2014

Dissertations

Post Graduate, Paralel Programlama ile Konuşma Tanıma İşleminin Gerçekleştirilmesi, Karabük Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2013

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Software, Programming Languages, Software Engineering, Engineering and Technology

Academic Titles / Tasks

Lecturer, Karabük Üniversitesi, Tobb Teknik Bilimler Meslek Yüksekokulu, Bilgisayar Programlama, 2010 - Continues
Teacher, Diğer (Kurumlar,hastaneler Vb.), 2006 - 2010

Professional Experience

Courses

Computer Programming, Under Graduate, 2017 - 2018, 2018 - 2019
Computer Programming, Under Graduate, 2016 - 2017, 2018 - 2019
Görüntü İşleme, Under Graduate, 2017 - 2018
Bilgisayar Programlama, Under Graduate, 2017 - 2018
Tıbbi Görüntü İşleme, Under Graduate, 2017 - 2018
Temel Bilgisayar Bilimleri, Under Graduate, 2017 - 2018
Bilgisayar Görmesi, Under Graduate, 2017 - 2018
Temel Bilgisayar Bilimleri, Under Graduate, 2015 - 2016, 2016 - 2017
Temel Bilgisayar Bilimleri, Under Graduate, 2017 - 2018
Yazılım Kurulumu ve Yönetimi, Associate Degree, 2016 - 2017
Bilgisayar Donanımı, Associate Degree, 2016 - 2017
İşletim Sistemleri, Associate Degree, 2016 - 2017
Temel Bilgisayar Teknolojileri Kullanımı, Under Graduate, 2016 - 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Link prediction based on node weighting in complex networks**
FINDIK O., ÖZKAYNAK E.
Soft Computing, 2020 (Journal Indexed in SCI Expanded)
- II. **Using PCA Algorithm in Voice Recognition**
Özkaynak E., Orak İ. M. , Görgünoğlu S.
Energy Education Science And Technology Part A-Energy Science And Research, vol.2, pp.759-764, 2012 (Journal Indexed in SCI Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Link prediction on networks created from UEFA European competitions**
FINDIK O., ÖZKAYNAK E.
2nd International Conference on Computer Science and Cyber Security, ICONCS 2020, Dhaka, Bangladesh, 15 - 16 February 2020, pp.207-217
- II. **Node Weighting Method in Centrality Measure of Complex Networks**
Özkaynak E., Fındık O.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES 2019), Antalya, Turkey, 26 - 28 April 2019, pp.342-347
- III. **Complex Network Analysis of Players in Tennis Tournaments**
Özkaynak E., Fındık O.
International Conference on Advanced Technologies, Computer Engineering and Science (ICATCES 2018), Karabük, Turkey, 11 - 13 May 2018, pp.383-388
- IV. **Temel Bileşenler Analizi Kullanılarak Ses Tanıma İle Cinsiyet Tespiti**
Özkaynak E., Sulak E. E. , Yılmaz H.
XX. Akademik Bilişim Konferansı, Karabük, Turkey, 31 January - 02 February 2018
- V. **Complex Network Analysis of UEFA Europe League Competitions**
Sulak E. E. , Yılmaz H., Özkaynak E.
ICATCES 2018, Karabük, Turkey, 11 - 13 May 2018

- VI. **Implementation Of Speaker Recognition Using Support Vector Machines For Security Systems**
Özkaynak E., Sulak E. E. , Yılmaz H.
8. International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017
- VII. **Detecting Vehicle In Videos Recorded By Security Systems**
YILMAZ H., SULAK E. E. , ÖZKAYNAK E.
8. International Advanced Technologies Symposium, 19 - 22 October 2017
- VIII. **Kavşaklarda Trafik Sinyalizasyon Sisteminin Modellemesi ve Benzetimi**
ŞİMŞİR F., ÖZKAYNAK E., EKMEKÇİ D.
Akademik Bilişim 2013, Antalya, Turkey, 23 - 25 January 2013, pp.785-789
- IX. **Kavsaklarda Trafik Sinyalizasyon Sisteminin Modellemesi ve Benzetimi**
ŞİMŞİR F., ÖZKAYNAK E., EKMEKÇİ D.
Akademik Bilisim 2013, Turkey, 23 - 25 January 2013
- X. **Modeling and Simulation of Traffic Signaling System at Intersections**
Özkaynak E., Şimşir F., Ekmekçi D.
Akademik Bilişim 2013, Antalya, Turkey, 23 - 25 January 2013, pp.785-790
- XI. **Speech recognition with principal component analysis**
Özkaynak E., Görgünoğlu S., Bayır Ş.
2nd World Conference on Information Technology (WCIT-2011), Antalya, Turkey, 22 - 27 November 2012, pp.354-360
- XII. **İnternet Temelli Eğitimde Bir Motivasyon Aracı: Buz Kırıcılar**
YILMAZ H., ÖZKAYNAK E.
Akademik Bilişim 2012, Turkey, 1 - 03 February 2012
- XIII. **Speech Recognition with Principal Component Analysis**
Görgünoğlu S., ÖZKAYNAK E., BAYIR Ş.
2nd World Conference on Information Technology (WCIT-2011), Antalya, Turkey, 22 - 27 November 2011, pp.1