

Asst. Prof. EYÜP EMRE ÜLKÜ

Personal Information

Birthyear: 1986

Office Phone: [+90 216 336 5770](tel:+902163365770) Extension: 1215

Fax Phone: [+90 +90 536 815 8445](tel:+90905368158445)

Email: emre.ulku@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/emre.ulku>

Address: Marmara Üniversitesi Teknoloji Fakültesi Bilgisayar Mühendisliği Bölümü D415 34722 Kadıköy/İstanbul



Biography

Dr. Eyup Emre Ulku is an Assistant Professor in the Department of Computer Engineering at Marmara University, Turkey. He completed his Ph.D. in Computer Engineering at Marmara University in 2018.

His research interests include wireless communications, ad hoc networks, image processing and educational technologies in engineering education.

Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Computer Engineering, Turkey 2012 - 2018

Under Graduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Computer Engineering, Turkey 2013 - 2016

Post Graduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Bilgisayar-Kontrol Eğitimi (YI) (Tezli), Turkey 2009 - 2012

Under Graduate, Marmara University, Faculty of Technical Education, Electronic and Computer Education, Turkey 2004 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, ÇOKLU JETON DOLAŞIMI İLE UÇAN TASARSIZ AĞLAR İÇERİSİNDE BİLGİ ALIŞVERİŞİ, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2018

Post Graduate, 3 boyutlu görüntülerden beyin tümörlerinin bilgisayar destekli tespiti, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar-Kontrol Eğitimi (YI) (Tezli), 2012

Research Areas

Computer Sciences, Information Security and Reliability, Computer Networks, Artificial Intelligence, Computer Learning

and Pattern Recognition, Software, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty Of Technology, Computer Engineering, 2020 - Continues
Research Assistant PhD, Marmara University, Faculty Of Technology, Computer Engineering, 2018 - 2020
Research Assistant, Marmara University, Faculty Of Technology, Computer Engineering, 2012 - 2018
Research Assistant, Marmara University, Faculty of Technical Education, Electronic and Computer Education, 2009 - 2012

Courses

Nesne Yönelimli Programlama, Under Graduate, 2019 - 2020
Computer Programming for Industrial Engineering, Under Graduate, 2019 - 2020
İşletim Sistemleri, Under Graduate, 2019 - 2020
Algoritma ve Programlamaya Giriş, Under Graduate, 2019 - 2020
Bilgisayar Programlama 1, Under Graduate, 2019 - 2020

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

- I. **The Role of the Maker Movement in Engineering Education: Student Views on Key Issues of Makerspace Environment**
Doğan B., Doğan B., Ülkü E. E. , Baş A., Erdal H.
International Journal Of Engineering Education, vol.36, pp.1161-1169, 2020 (Journal Indexed in SCI Expanded)
- II. **Sharing Location Information in Multi-UAV Systems by Common Channel Multi-Token Circulation Method in FANETs**
ÜLKÜ E. E. , DOĞAN B., DEMİR Ö., Bekmezci I.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.25, pp.66-71, 2019 (Journal Indexed in SCI)
- III. **Applying social networks to engineering education**
DOĞAN B., DEMİR Ö., ÜLKÜ E. E.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, pp.1782-1791, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **AN ANALYSIS OF THE SELF EFFICACY ABOUT COMPUTER PROGRAMMING OF THE ELECTRICAL-ELECTRONICS AND TEXTILE ENGINEERING STUDENTS IN TECHNOLOGY FACULTY**
ÜLKÜ E. E. , DOĞAN B., DEMİR Ö., YILDIZ K.
Journal of Educational Instructional Studies in the World, vol.7, pp.79-84, 2017 (Refereed Journals of Other Institutions)
- II. **Data collection from blood glucose meter and determination anomaly**
BULDU A., YILDIZ K., ÜLKÜ E. E. , DEMİR Ö., KURGAN U.
Karaelmas Fen ve Mühendislik Dergisi, 2017 (Refereed Journals of Other Institutions)
- III. **Mühendislik Eğitiminde Edmodo Çevrimiçi Sosyal Ağ Ortamının Kullanımına. İlişkin Öğrenci Görüşleri**
Doğan B., Demir Ö., Bal A., Ülkü E. E.
Eğitim ve Öğretim Araştırmaları Dergisi, vol.6, pp.328-335, 2017 (Other Refereed National Journals)
- IV. **Fault detection of fabrics using image processing methods**
YILDIZ K., DEMİR Ö., ÜLKÜ E. E.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK

BILIMLERİ DERGİSİ, vol.23, pp.841-844, 2017 (Journal Indexed in ESCI)

V. Multi Token Based Location Sharing for Multi UAV Systems

ÜLKÜ E. E. , BEKMEZCİ İ.

International Journal of Computer and Electrical Engineering (IJCEE), vol.8, pp.197-206, 2016 (Refereed Journals of Other Institutions)

Books & Book Chapters

I. Knowledge Management Strategies for Higher Education

DOĞAN B., ÇALIŞ B., YILDIZ K., BAŞ A., DEMİR Ö., ÜLKÜ E. E.

in: Enhancing Academic Research and Higher Education With Knowledge Management Principles, Suzanne Zyngier, Editor, IGI GLOBAL, Sydney, pp.1-10, 2021

Refereed Congress / Symposium Publications in Proceedings

I. Computer Vision Based Intelligent 3D CNC Machines

DEMİR E., YILDIZ K., DEMİR Ö., ÜLKÜ E. E.

ASYU - Akıllı Sistemlerde Yenilikler ve Uygulamaları 2020, İstanbul, Turkey, 15 - 17 October 2020

II. Optimization of Multi-token Circulation with Master UAV Method in Multi-UAV Systems for Location Information Sharing

ÜLKÜ E. E. , ÜLKÜ İ.

The 11th International Conference on Ubiquitous and Future Networks, Zagreb, Croatia, 2 - 05 July 2019

III. Sharing Location Information in Multi-UAV Systems by Common Channel Multi-token Circulation Method in FANETs

ÜLKÜ E. E. , DOĞAN B., DEMİR Ö., BEKMEZCİ İ.

22nd International Conference ELECTRONICS 2018, Palang, Bangladesh, 18 - 20 June 2018

IV. Nature Discovery with Virtual Reality

BAL A., AKTAŞ A., ÜLKÜ E. E.

ULUSLARARASI ÇOCUK ve BİLGİ GÜVENLİĞİ KONGRESİ, Ankara, Turkey, 11 - 13 April 2018

V. Görüntülerden Yaya Tespitinin Yönlü Gradyan Histogramı Temelli Bir Yöntem ile Gerçekleştirilmesi

DEMİR Ö., YILDIZ K., ÜLKÜ E. E. , BAL A.

1. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 7 - 10 December 2017

VI. Morfolojik İşlemlerle Trafik İşareti Tespiti

DEMİR Ö., DOĞAN B., ÜLKÜ E. E. , BAL A.

1. ULUSLARARASI TÜRK DÜNYASI MÜHENDİSLİK VE FEN BİLİMLERİ KONGRESİ, Antalya, Turkey, 7 - 10 December 2017

VII. AN ANALYSIS OF THE SELF EFFICACY ABOUT COMPUTER PROGRAMMING OF THE ELECTRICAL-ELECTRONICS AND TEXTILE ENGINEERING STUDENTS IN TECHNOLOGY FACULTY

ÜLKÜ E. E. , DOĞAN B., DEMİR Ö., YILDIZ K.

6th World Congress on Educational and Instructional Studies-WCEIS 2017, 26 - 28 October 2017

VIII. Mühendislik Eğitiminde Edmodo Çevrimiçi Sosyal Ağ Ortamının Kullanımına. İlişkin Öğrenci Görüşleri

DOĞAN B., DEMİR Ö., BAL A., ÜLKÜ E. E.

2'nci Yaşam Boyu Eğitim Dünya Kongres, 14 - 15 April 2017

IX. New Generation Wireless Microcontroller Based Measurement System

BÖCEKÇİ V. G. , ÜLKÜ E. E.

2nd International Conference on Engineering and Natural Sciences (ICENS 2016), Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016

X. Multi Token Circulation in a Common Channel for Location Information Sharing in Multi UAV Systems

ÜLKÜ E. E. , BEKMEZCİ İ.

2nd International Conference on Engineering and Natural Sciences (ICENS 2016), Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016

XI. Multi Token Based Location Information Sharing for Multi UAV Systems

ÜLKÜ E. E. , BEKMEZCİ İ.

2nd International Conference on Computer and Information Technologies, İstanbul, Turkey, 11 - 12 April 2016

XII. Location Information Sharing with Multi TokenCirculation in Flying Ad Hoc Networks

BEKMEZCİ İ., ÜLKÜ E. E.

Recent Advances in Space Technologies (RAST), 16 - 19 June 2015

XIII. Görüntü İşleme ile Lif Çapı Ölçümü

ÜLKÜ E. E. , DEMİR Ö., YILDIZ K., YILDIZ Z.

Signal Processing and Communications Applications Conference (SIU), Turkey, 16 - 19 May 2015

XIV. Çoklu İHA Sistemleri İçin Çoklu Jeton Dolaşımı

ÜLKÜ E. E. , İLKER B.

Signal Processing and Communications Applications Conference (SIU), Turkey, 16 - 19 May 2015

XV. COMPUTER AIDED BRAIN TUMOR DETECTION WITH HISTOGRAM EQUALIZATION AND MORPHOLOGICAL IMAGE PROCESSING TECHNIQUES

ÜLKÜ E. E. , Camurcu A. Y.

10th International Conference on Electronics, Computer and Computation (ICECCO), Ankara, Turkey, 7 - 09 November 2013, pp.48-51

Supported Projects

Çalış Uslu B., Demir Ö., Doğan B., Yıldız K., Baş A., Ülkü E. E. , Newton Programme Project, Location optimisation of underground and aboveground containers and development of a dynamic, intelligent and sustainable scheduling for solid waste collection in urban areas: A case study of Maltepe Municipality, 2020 - 2021

Yıldız K., Ülkü E. E. , Buldu A., Erdal H., Demir Ö., Doğan B., Bal A., Project Supported by Higher Education Institutions, Gömülü Sistemler Laboratuvarı ve Altyapı Projesi, 2017 - 2018

Buldu A., Doğan B., Yıldız K., Demir Ö., Bal A., Kaptan H., Ülkü E. E. , Project Supported by Higher Education Institutions, BİLGİSAYARLA GÖRME LABORATUVARI ARAŞTIRMA VE GELİŞTİRME ALTYAPI PROJESİ, 2015 - 2016