

Asst. Prof. Hayrettin EVİRGEN

Personal Information

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Education Information

Doctorate, Sakarya University, Institute Of Social Sciences, Turkey 1998 - 2002

Postgraduate, Sakarya University, Institute Of Social Sciences, İşletme Bölümü, Turkey 1995 - 1997

Undergraduate, Selcuk University, Mühendislik/Mimarlık Fakültesi, Fizik Mühendisliği, Turkey 1984 - 1987

Foreign Languages

English, C2 Mastery

Academic Titles / Tasks

Assistant Professor, Istanbul University, Vocational School of Justice, Punishment Execution and Security Services Program, 2019 - Continues

Assistant Professor, Sakarya University, Faculty Of Engineering, Department Of Computer Engineering, 2002 - 2016

Academic and Administrative Experience

Vice Dean, Istanbul University, Open And Distance Education Faculty, 2016 - Continues

Director of Vocational School, Sakarya University, Adapazarı Vocational School, 2011 - 2014

Head of Department, Sakarya University, Faculty Of Engineering, Department Of Computer Engineering, 2005 - 2011

Director of the Center, Sakarya University, Computer Research And Application Center, 2005 - 2011

Head of Department, Sakarya University, Rectorate, 2006 - 2008

Courses

DATA STRUCTURES, Undergraduate, 2020 - 2021

Advising Theses

EVİRGEN H., Hadoop Mapreduce Algoritmasının Analizi İle Performansa Etki Eden Parametrelerin Tespiti ve Hadoop Üzerinde Başarım Artımı, Postgraduate, H.Şarkışla(Student), 2015

EVİRGEN H., Yapay Zeka Teknikleri Kullanılarak Öğrenci Danışmanlık Hizmeti Bilişim Altyapı Tasarımı, Postgraduate, S.Kaynak(Student), 2014

EVİRGEN H., Uzaktan Eğitimde Öğrenci Başarı ve Memnuniyetini Etkileyen Faktörlerin incelenmesi: Sakarya Üniversitesi

Örneği, Doctorate, M.Çengel(Student), 2014

EVİRGEN H., Yeni Bir Kaos Tabanlı Kriptolama Sistemi ve Uygulaması, Doctorate, A.Sertol(Student), 2014

EVİRGEN H., Veri Madenciliği Yöntemlerini Kullanarak Diyabetik Retinopati Hastalığının Teşhisi, Postgraduate, M.Çerkezi(Student), 2013

EVİRGEN H., Nesneye Yönelik Yaklaşımla Gerçekleştirilen Yazılımlarda Sınıf Uyum Ölçütlerinin İncelenmesi ve Yeni Bir Sınıf Uyum Ölçütü Önerisi, Postgraduate, A.Arslan(Student), 2012

EVİRGEN H., Eğitim Öğretim Bilgi Sistemlerinde Tasarım Kalıpları Kullanımı, Postgraduate, S.Darga(Student), 2012

EVİRGEN H., RFID ile Online Veri Toplama Sistemi Geliştirilmesi, Postgraduate, S.Ülper(Student), 2010

EVİRGEN H., Akıllı Kimlik Kartı Uygulaması, Postgraduate, A.Şanslı(Student), 2007

EVİRGEN H., Yapay Sinir Ağları Kullanarak Parmak İzi ve Konuşmacı Tanıma, Postgraduate, C.Yüzkollar(Student), 2007

EVİRGEN H., 802.11 Kablosuz Yerel Alan Ağlarında Güvenlik Sorunu, Postgraduate, A.Sertol(Student), 2007

EVİRGEN H., Türkçe Uygulama Geliştirme Aracı ve Derleyicisi, Postgraduate, S.İlyas(Student), 2005

EVİRGEN H., GPRS İle Uzaktan Sayaç Okuma Uygulaması, Postgraduate, M.Göçer(Student), 2005

EVİRGEN H., Bilgisayar Ağlarında En Kısa Yolun Hesaplanması, Postgraduate, Ö.Emre(Student), 2004

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A New Augmented K-Means Algorithm for Seed Segmentation in Microscopic Images of the Colon Cancer**
YURTSEVER U., Evirgen H., AVUNDUK M. C.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.25, no.2, pp.382-389, 2018 (SCI-Expanded)
- II. **A secure communication using cascade chaotic computing systems on clinical decision support**
Koksal A. S., Er O., Evirgen H., Yumusak N.
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, vol.61, no.3, pp.323-329, 2016 (SCI-Expanded)
- III. **A NEW SECURE COMMUNICATIONS METHOD USING CASCADE CHAOTIC COMPUTING SYSTEMS**
Koksal A. S., Evirgen H.
ELECTRONICS WORLD, no.1943, pp.22-24, 2014 (SCI-Expanded)
- IV. **DETERMINATION OF CRITICAL ACHIEVEMENT FACTORS IN DISTANCE EDUCATION BY USING STRUCTURAL EQUATIONMODEL: A CASE STUDY OF E-MBA PROGRAM HELD IN SAKARYA UNIVERSITY**
EVİRGEN H., ÇENGEL M.
TURKISH ONLINE JOURNAL OF EDUCATIONAL TECHNOLOGY, vol.11, no.3, pp.94-104, 2012 (SSCI)

Articles Published in Other Journals

- I. **A Survey on LoRaWAN Architecture, Protocol and Technologies**
Erturk M. A., AYDIN M. A., Buyukakkaslar M. T., Evirgen H.
FUTURE INTERNET, vol.11, no.10, 2019 (ESCI)
- II. **Adaptive Neuro-Fuzzy Inference System in Predicting the Success of Student's in a Particular Course**
Kaynak S., EVİRGEN H., Kaynak B.
International Journal of Computer Theory and Engineering, no.7, pp.34-39, 2015 (Peer-Reviewed Journal)
- III. **Comparative Student Success Analysis of Distance Education and Traditional Education in Associate Degree Programs**
EVİRGEN H., İlyas G., İlyas S.
Journal of Systemics, Cybernetics and Informatics, no.12, pp.8-12, 2014 (Peer-Reviewed Journal)
- IV. **Design, Development and Evaluation of Flash Software That Could Be Used in Vehicles for the Education of Autistic Students**
EVİRGEN H., Çengel M.
Procedia-Social and Behavioral Sciences, no.106, pp.814-823, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Veritabanlarında İşlem Denetimi ve Tarihsel veri Modelleme Yaklaşımı**
Evirgen H., Dokuzer I.
4th International Symposium on Digital Forensics and Security, ISDFS 2016, Arkansas, United States Of America, 25 - 27 April 2016, pp.154-160
- II. **Hadoop MapReduce Algoritmasının Analizi ile Performansa Etki Eden Parametrelerin Tespiti ve Optimize Edilmiş Parametreler ile Hadoop Üzerinde Başarım Artımı**
EVİRGEN H., Şarkışla H.
3rd International On Innovative Technologies İn Engineering And Science, Universidad Polit cnica De Valencia, Spain, 3 - 05 June 2015, pp.1246-1256
- III. **Distance education activities in sakarya university for associate, undergraduate and post-graduate degrees**
Ilyas S., Ilyas G., Evirgen H.
5th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2014 and 5th International Conference on Society and Information Technologies, ICSIT 2014, Florida, United States Of America, 4 - 07 March 2014, pp.72-75
- IV. **PREDICTION AND DIAGNOSIS OF DIABETIC RETINOPATHY USING DATA MINING TECHNIQUES**
EVİRGEN H.,  erkezi M.
International Science and Technology Conference, Roma, Italy, 25 - 27 June 2013, pp.32-37
- V. **Automatic Reconstruction of 3D Solid Models From 2D Orthographic Views**
EVİRGEN H., İlyas S.
International Symposium on Intelligent and Manufacturing Systems, Antalya, Turkey, 27 - 28 September 2012, pp.1-8
- VI. **A ık Kaynak Kodlu  ğrenim Y netim Sistemlerinde Yazılım Kalitesinin Sınıf Uyumunun(Cohesion) Yazılım Metrikleri Kullanılarak İncelenmesi**
EVİRGEN H., Arslan A.
INTE 2012 International Conference on New Horizons, Prag, Czech Republic, 5 - 07 June 2012, pp.23-29
- VII. **Sakarya İli  ğretmenlerinin Eğitim Teknolojileri Y n ndeki Yeterliliklerinin 2001 ile 2011 Verilerinin Karşılaştırılması**
EVİRGEN H.,  engel M.
3rd International Conference on New Horizons in Education (INTE 2012), Prag, Czech Republic, 5 - 07 June 2012, pp.1188-1213
- VIII. **Audio file steganalysis through artificial neural networks Sir rt l  ses dosyalarının yapay sinir ağıları yarduıhyla     lenmesi**
Durdu A.,  zcerit A. T., Evirgen H.
2011 IEEE 19th Signal Processing and Communications Applications Conference, SIU 2011, Antalya, Turkey, 20 - 22 April 2011, pp.82-85
- IX. **Realization of Campus Automation Web Information System in Context of Service Unity Architecture**
EVİRGEN H., Canay  ., Meri  S., Varan M.
2nd International Symposium on Computing in Science & Engineering (ISCSE 2011), Aydın, Turkey, 1 - 04 June 2011, pp.1-4
- X. **Bologna S reci Kapsamında Eğıtim  ğretim Bilgi Sistemi**
EVİRGEN H., Canay  ., Darga S., Varan M.
International Educational Technology Conference (IETC 2011), İstanbul, Turkey, 25 - 27 May 2011, pp.1414-1424
- XI. **Analysis And Circuit Realization Of Vilnius Chaotic Oscillator**
EVİRGEN H., Varan M., Uyaroğlu Y., Yurtsever U.
Proceedings of 7th International Symposium on Intelligent and Manufacturing Systems (IMS 2010), Sarajevo, Bosnia And Herzegovina, 15 - 17 September 2010, pp.1-4
- XII. **Uzaktan Eğıtimde Başarıya Etki Eden Fakt rlerin Belirlenmesinde Sakarya  niversitesi E-MBA  rneğı**
EVİRGEN H.,  engel M.

10thINTERNATIONAL EDUCATIONAL TECHNOLOGY CONFERENCE Pr, İstanbul, Turkey, 26 - 28 April 2010, pp.1700-1705

XIII. **802.11 Kablosuz Yerel Alan Ağlarında WEB ve WPA Anahtarlarının Elde Edilmesi**

EVİRGEN H., Köksal A. S., Er O., Ekiz H.

Ağ ve Bilgi Güvenliği Sempozyumu, Girne, Turkey, 16 - 18 May 2008, pp.58-62

XIV. **A simulation Model For Kidney Allocation System**

EVİRGEN H., Çelebi N.

International Symposium on Health Informatics and Bioinformatics, Antalya, Turkey, 30 April - 02 May 2007, pp.1-4

XV. **Evolution Of Current Telecommunication Networks And Next Genaration Optical Networks**

EVİRGEN H., Taşkın C., Ekiz H., Çakır A. Y.

Evolution Of Current Telecommunication Networks And Next Genaration Optical Networks, Cap Esterel, Côte D'Azur, France, 26 - 29 August 2006, pp.1-6

XVI. **Automatic Meter Reading Over Gprs**

EVİRGEN H., Çelebi N., Göçer M.

Proceedings of 5th International Symposium on Intelligent Manufacturing Systems,, Sakarya, Turkey, 21 - 31 May 2006, pp.1-6

XVII. **İletişim Eğitiminde Öğrencilerin İnternet'i Kullanma Eğilimleri**

EVİRGEN H., İşman A., Öztunç M.

VI. International Educational Technology Conference, Famagusta, Cyprus (Kkct), 19 - 21 April 2006, pp.918-924

XVIII. **Sakarya Üniversitesi Adapazarı MYO'da Uzaktan Eğitim Gören Öğrencilerin Bilgisayarı Kullanma Yetenekler**

EVİRGEN H., İşman A., Öztunç M., İşbulan O.

VI. International Educational Technology Conference, Famagusta, Cyprus (Kkct), 19 - 21 April 2006, pp.925-939

XIX. **Evolution of the current telecommunications networks and the next generation optical networks**

Taşkın C., Evirgen H., Ekiz H., Çakır A. Y.

International Conference on Internet Surveillance and Protection, ICISP'06, Cote d'Azur, France, 26 - 28 August 2006, pp.12-17

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