

Assoc. Prof. Asım Sinan YÜKSEL

Personal Information

Office Phone: [+90 246 211 1380](tel:+902462111380)

Web: <https://avesis.sdu.edu.tr/asimyuksel>

Address: Süleyman Demirel Üniversitesi Bilgisayar Mühendisliği, Batı Kampüsü, E9 Binası,

Education Information

Doctorate, Istanbul University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2010 - 2015

Postgraduate, Indiana University Bloomington, Iu School Of Informatics, Computing, And Engineering, Computer Science, United States Of America 2008 - 2010

Undergraduate, Ege University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Mobil Uygulamaların Güvenlik Riskini Analiz Eden Yazılım Tabanlı Servis Tasarımı, Istanbul University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2015

Research Areas

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

Academic Titles / Tasks

Associate Professor, Suleyman Demirel University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues

Assistant Professor, Suleyman Demirel University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2016 - 2021

Research Assistant, Suleyman Demirel University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2012 - 2016

Academic and Administrative Experience

Suleyman Demirel University, Bilgisayar Mühendisliği, 2016 - 2018

Advising Theses

YÜKSEL A. S. , Metin Madenciliği Teknikleri ile Sosyal Ağlarda Bilgi Keşfi, Postgraduate, F.Gülşah(Student), 2018

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

- I. **Development of a fuzzy logic based online visualization application for 2D geotechnical cross-section modeling**
YÜKSEL A. S. , UYANIK O., ER K.
EARTH SCIENCE INFORMATICS, 2020 (Journal Indexed in SCI)
- II. **A novel hybrid PSO-GWO algorithm for optimization problems**
ŞENEL F. A. , GÖKÇE F., YÜKSEL A. S. , YİĞİT T.
ENGINEERING WITH COMPUTERS, vol.35, no.4, pp.1359-1373, 2019 (Journal Indexed in SCI)
- III. **Classification of Soft Keyboard Typing Behaviors Using Mobile Device Sensors with Machine Learning**
YÜKSEL A. S. , ŞENEL F. A. , ÇANKAYA İ. A.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.4, pp.3929-3942, 2019 (Journal Indexed in SCI)
- IV. **A real-time social network-based knowledge discovery system for decision making**
YÜKSEL A. S. , Tan F. G.
AUTOMATIKA, vol.59, pp.261-273, 2018 (Journal Indexed in SCI)
- V. **Design of a Machine Learning Based Predictive Analytics System for Spam Problem**
YÜKSEL A. S. , ÇANKAYA Ş. F. , Uncu I. S.
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.500-504, 2017 (Journal Indexed in SCI)
- VI. **Implementation of a web-based service for mobile application risk assessment**
YÜKSEL A. S. , Yuksel M. E. , Sertbas A., Zaim A. H.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.25, no.2, pp.976-994, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A Decision Support Tool for Indoor 801.11ac WLAN Modeling Using Optimization Techniques**
ERSOY M., YİĞİT T., YÜKSEL A. S.
El-Cezeri Journal of Science and Engineering, vol.7, no.3, pp.1231-1244, 2020 (Refereed Journals of Other Institutions)
- II. **Sürücü Davranışlarının Makine Öğrenmesi Algoritmaları ile Sınıflandırılmasında Pencereleme Yönteminin Etkisi**
YÜKSEL A. S. , Atmaca Ş.
Teknik Bilimler Dergisi, vol.9, no.2, pp.75-80, 2019 (National Refreed University Journal)
- III. **Metin Madenciliği Teknikleri ile Sosyal Ağlarda Bilgi Keşfi**
YÜKSEL A. S. , Tan F. G.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.6, no.2, pp.324-333, 2018 (National Refreed University Journal)
- IV. **Gri kurt optimizasyon algoritması ile iki boyutlu dizilim yazılımının geliştirilmesi**
ŞENEL F. A. , YÜKSEL A. S. , GÖKÇE F., YİĞİT T.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, pp.1-14, 2018 (Other Refreed National Journals)
- V. **Yazma Davranışlarının Mobil Cihaz Sensörleri Kullanılarak Sınıflandırılması, Dicle Üniversitesi Mühendislik Fakültesi Dergisi, 9(1), 2018**
YÜKSEL A. S. , ŞENEL F. A. , ÇANKAYA İ. A.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.9, no.1, pp.133-142, 2018 (Refereed Journals of Other Institutions)
- VI. **Metin Madenciliği Teknikleri ile Sosyala Ağlarda Bilgi Keşfi**
YÜKSEL A. S. , TAN F. G.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.6, no.2, pp.324-333, 2018 (Other Refreed National Journals)
- VII. **Mobil Tabanlı Optik Form Değerlendirme Sistemi**
YÜKSEL A. S. , ÇANKAYA İ. A. , YALÇINKAYA M. A. , ATEŞ N.

Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.22, no.2, pp.94-99, 2016 (Other Refereed National Journals)

VIII. **Kablosuz Algılayıcı Ağlar için Güç Tasarruflu Ağ Geçidi Tasarımı**

YÜKSEL M. E. , YÜKSEL A. S. , İbiloğlu R.

Mehmet Akif Ersoy Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.6, no.1, pp.24-30, 2015 (Other Refereed National Journals)

IX. **An Analysis of RDF Storage Models and Query Optimization Techniques**

YÜKSEL A. S. , ÇANKAYA İ. A. , YÜKSEL M. E.

International Journal of Information Engineering and Electronic Business, vol.7, no.2, pp.20-26, 2015 (Refereed Journals of Other Institutions)

X. **A Dynamic Content Generation Tool for OOP Course**

ÇANKAYA İ. A. , YÜKSEL A. S. , KOYUN A., YİĞİT T.

International Journal of Computer Theory and Engineering, vol.7, no.1, pp.66-69, 2015 (Refereed Journals of Other Institutions)

XI. **A Comprehensive Analysis of Android Security and Proposed Solutions**

YÜKSEL A. S. , ZAIM A. H. , AYDIN M. A.

International Journal of Computer Network and Information Security, vol.6, no.12, pp.9-20, 2014 (Refereed Journals of Other Institutions)

XII. **RFID Technology in Business Systems and Supply Chain Management**

YÜKSEL M. E. , YÜKSEL A. S.

Journal of Economic and Social Studies, vol.1, no.1, pp.53-71, 2011 (Refereed Journals of Other Institutions)

Books & Book Chapters

I. **IoT for Hospitality Industry:Paperless Buffet Management**

YÜKSEL A. S. , ÇANKAYA İ. A. , ÇANKAYA Ş. F.

in: The Internet of Things in the Modern Business Environment, In Lee, Editor, IGI Global, pp.269-288, 2017

II. **An Example Application of an Artificial Intelligence Supported Blended Learning Education Program in Computer Engineering**

YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A. , KÖSE U.

in: Artificial Intelligence Applications in Distance Education, Utku Kose, Durmus Koc, Editor, IGI Global, pp.1-329, 2015

III. **An Example Application of Artificial Intelligence Supported Blended Learning Education Program in Computer Engineering**

YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A. , KÖSE U.

in: Artificial Intelligence Applications in Distance Education, Utku Köse, Durmuş Koç, Editor, IGI Global, pp.192, 2015

IV. **An Example Application of Artificial Intelligence Supported Blended Learning Education Program in Computer Engineering**

YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A. , KÖSE U.

in: Artificial Intelligence Applications in Distance Education, Utku Kose, Durmus Koc, Editor, IGI Global, Hershey, pp.192-210, 2015

V. **An Example Application of an Artificial Intelligence Supported Blended Learning Education Program in Computer Engineering**

YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A. , KÖSE U.

in: Artificial Intelligence Applications in Distance Education, Utku Kose, Durmus Koc, Editor, IGI Global, 2015

VI. **An Example Application of an Artificial Intelligence-Supported Blended Learning Education Program in Computer Engineering**

YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A. , KÖSE U.

in: Artificial Intelligence Application in Distance Education, Köse Utku, Koç Durmuş, Editor, IGI Global, pp.192-210, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Predicting the Nutrition Quality of Food Products with Machine Learning**
YÜKSEL A. S. , ALTINSOY F., UYSAL S.
10th World Conference on Innovation and Computer Science, İzmir, Turkey, 20 - 22 March 2020
- II. **Uzaktan Eğitimde Öğrencilerin Başarı Notlarının Makine Öğrenmesi Algoritmalarıyla Tahmini**
fatma a., YÜKSEL A. S.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering, 20 - 22 April 2019
- III. **Feature selection by using DE algorithm and k-NN classifier**
ŞENEL F. A. , YÜKSEL A. S. , YİĞİT T.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2019 (ICAIAME), 20 - 22 April 2019
- IV. **Vertical Search Engine for Academic Publications**
YÜKSEL A. S. , Abdülhamid K.
INTERNATIONAL CONFERENCE ON CYBER SECURITY AND COMPUTER SCIENCE, Safranbolu, Turkey, 18 - 20 October 2018
- V. **DESIGN OF A MACHINE LEARNING BASED PREDICTIVE ANALYTICS SYSTEM FOR SPAM PROBLEM**
YÜKSEL A. S. , ÇANKAYA Ş. F. , ÜNCÜ İ. S.
3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016), 19 - 24 October 2016
- VI. **Mobile Indoor Navigation System in iOS Platform Using Augmented Reality**
ÇANKAYA İ. A. , KOYUN A., YİĞİT T., YÜKSEL A. S.
9th International Conference of Information and Communiation Technologies (AICT), Rostov-on-Don, Russia, 14 - 16 October 2015, pp.281-284
- VII. **iOS Platformunda Artırılmış Gerçeklik ile Yön Belirleme**
ÇANKAYA İ. A. , KOYUN A., YÜKSEL A. S.
Akademik Bilişim, Mersin, Turkey, 5 - 07 February 2014
- VIII. **Evaluation of Blended Learning Approach in Computer Engineering Education**
YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A.
4th World Conference on Learning, Teaching and Educational Leadership (WCLTA), Barcelona, Spain, 27 - 29 October 2013, vol.141, pp.807-812
- IX. **Evaluation of Blended Learning Approach in Computer Engineering Education**
YİĞİT T., KOYUN A., YÜKSEL A. S. , ÇANKAYA İ. A.
Procedia - Social and Behavioral Sciences, Barcelona, Spain, 27 - 29 October 2013, vol.141, pp.807-812
- X. **The Experience of NoSQL Database in Telecommunication Enterprise**
YİĞİT T., YÜKSEL A. S.
Application of Information and Communication Technologies (AICT), 2013 7th International Conference on, Baku, Azerbaijan, 23 - 25 October 2013, vol.1
- XI. **Test Güdümlü Yazılım Geliştirme Süreci ve Kullanılan Çerçeveseler**
KÜÇÜKSİLLE E. U. , Öztürk N., ÇANKAYA İ. A. , YÜKSEL A. S.
7. Ulusal Yazılım Mühendisliği Sempozyumu, İzmir, Turkey, 25 - 28 September 2013
- XII. **An Application for Protecting Personal Information on Social Networking Websites**
YÜKSEL M. E. , YÜKSEL A. S.
The Fourth International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies, Florence, Italy, 25 - 30 October 2010, pp.1-6
- XIII. **A System Design for The Integration of RFID Systems with Wireless Network Technologies**
YÜKSEL M. E. , YÜKSEL A. S.
The Seventh International Conference on Wireless and Mobile Communications, Luxembourg, 19 June 2011 - 24 October 2010
- XIV. **Spamology A Study of Spam Origins**
CRAÍG A S., MÍNAXİ G., CHÍN HUA K., LUBÍA J. T. , YÜKSEL A. S.

Scientific Refereeing

Istanbul University Journal of Electrical & Electronics Engineering, National Scientific Refreed Journal, February 2018
Neural Computing and Applications, SCI Journal, January 2018
KSII Transactions on Internet and Information Systems, SCI Journal, November 2017
KSII Transactions on Internet and Information Systems, SCI Journal, September 2017
The Arabian Journal for Science and Engineering, SCI Journal, August 2017
International Journal of Computers Communications & Control, SCI Journal, June 2017
Turkish Journal of Electrical Engineering & Computer Sciences, SCI Journal, June 2017
The Arabian Journal for Science and Engineering, SCI Journal, May 2017
Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, National Scientific Refreed Journal, May 2017
Süleyman Demirel Üniversitesi Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, May 2017
The Arabian Journal for Science and Engineering, SCI Journal, May 2017
Süleyman Demirel Üniversitesi Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, May 2017
The Arabian Journal for Science and Engineering, SCI Journal, May 2017
Turkish Journal of Electrical Engineering & Computer Sciences, SCI Journal, April 2017
The Arabian Journal for Science and Engineering, SCI Journal, April 2017
Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, National Scientific Refreed Journal, March 2017
The Arabian Journal for Science and Engineering, SCI Journal, March 2017
Türkiye Bilişim Vakfı Bilgisayar Bilimleri ve Mühendisliği Dergisi, National Scientific Refreed Journal, February 2017
Neural Computing and Applications, SCI Journal, February 2017
The Arabian Journal for Science and Engineering, SCI Journal, November 2016
The Arabian Journal for Science and Engineering, SCI Journal, June 2016
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, May 2016
International Journal of Fuzzy Systems, SCI Journal, April 2016
The Arabian Journal for Science and Engineering, SCI Journal, January 2016
The Arabian Journal for Science and Engineering, SCI Journal, December 2015
The Arabian Journal for Science and Engineering, SCI Journal, September 2015

Citations

Total Citations (WOS):34

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