CANER ERDEN

Personal Information

Contact Information

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Education Information

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Doktora, Doktora, SAKARYA ÜNİVERSİTESİ, TÜRKİYE
FEN BİLİMLERİ ENSTİTÜSÜ, ENDÜSTRİ MÜHENDİSLİĞİ (DR)
Diploma Number: 6187/50.68
Cumulative Grade Point Average: 3.5 / 4.0

16 September 2011 - 11 June 2014 (2 Year 9 Month)
Yüksek Lisans, Tezli Program, İSTANBUL ÜNİVERSİTESİ, TÜRKİYE
FEN BİLİMLERİ ENSTİTÜSÜ, ENDÜSTRİ MÜHENDİSLİĞİ (YL)
Diploma Number: 5717ALDI
Cumulative Grade Point Average: 2.72 / 4.0

13 November 2009 - 12 September 2011 (1 Year 10 Month)
Ön Lisans, Açıköğretim, ANADOLU ÜNİVERSİTESİ, TÜRKİYE
AÇIKÖĞRETİM FAKÜLTESİ, BANKACILIK VE SİGORTACILIK PR. (AÇIKÖĞRETİM)
Diploma Number: 2011-46143
Cumulative Grade Point Average: 66.18 / 100.0

04 September 2007 - 02 August 2011 (3 Year 11 Month)
Lisans, Anadal/Normal Öğretim, İSTANBUL TİCARET ÜNİVERSİTESİ, TÜRKİYE
MÜHENDİSLİK VE TASARIM FAKÜLTESİ, ENDÜSTRİ MÜHENDİSLİĞİ PR. (TAM BURSLU)
Diploma Number: 05.732
Cumulative Grade Point Average: 3.57 / 4.0

Experience Information

19 June 2020 - Now (2 Year 11 Month) (Tam Zamanlı)
DR. ÖĞR. ÜYESİ, SAKARYA UYGULAMALI BİLİMLER ÜNİVERSİTESİ UYGULAMALI BİLİMLER FAKÜLTESİ ULUSLARARASI TİCARET VE FİNANSMAN BÖLÜMÜ ULUSLARARASI TİCARET VE FİNANS ANABİLİM DALI

19 June 2020 - Now (2 Year 11 Month) (Tam Zamanlı)
DR. ÖĞR. ÜYESİ, SAKARYA UYGULAMALI BİLİMLER ÜNİVERSİTESİ UYGULAMALI BİLİMLER FAKÜLTESİ ULUSLARARASI TİCARET VE FİNANSMAN BÖLÜMÜ ULUSLARARASI TİCARET VE FİNANS ANABİLİM DALI

15 October 2012 - 19 June 2020 (7 Year 9 Month) (Tam Zamanlı)
ARAŞTIRMA GÖREVLİSİ, SAKARYA ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ ENDÜSTRİ MÜHENDİSLİĞİ ANABİLİM DALI

| Foreign Language Information | İNGİLİZCE (Reading: İyi, Writing: İyi, Speaking: İyi) |

Scientific Technological Activity Fields

Scientific Technological Activity Field Information	Teknik Bilimler -- Endüstri Mühendisliği -- Eniyileme Kuramı ve Yöntemleri -- Sezgisel Yöntemler
Keywords	İş Çizelgeleme
	Sezgisel Algoritmalar
	Veri Madenciliği
	Yapay Zeka

R&D Competency

Books

C. ERDEN, Machine Learning Experiment Management with MLFlow, Encyclopedia of Data Science and Machine Learning(1215 - 1234), ISBN: 978-1-79989-220-5: IGI Global, Kitapta Bölüm.

C. ERDEN, Python İle Veri Madenciliği, ISBN: 9786257440172: Kodlab, Kitap.

C. ERDEN, TAŞIMA MODLARI VE ULAŞTIRMA MODELLERİ, Uygulamalı Uluslararası Ticaret(183 - 202), ISBN: 978-625-427-088-8: NOBEL AKADEMİK YAYINCILIK EĞİTİM DANIŞMANLIK TİC. LTD. ŞTİ., Kitapta Bölüm.

C. ERDEN, Makine Öğrenmesinde Hiper Parametre Optimizasyonu, Yapay Zeka Dijital Sistemler ve Uygulamaları(207 - 230), ISBN: 978-605-9594-88-2: Papatya Bilim, Kitapta Bölüm.

Articles

C. ERDEN, H. İ. DEMİR & O. CANPOLAT, A modified integer and categorical PSO algorithm for solving integrated process planning, dynamic scheduling and due date assignment problem, Scientia Iranica,, 2023, 1026-3098.

C. ERDEN, Genetic algorithm-based hyperparameter optimization of deep learning models for PM2.5 time-series prediction, International Journal of Environmental Science and Technology, 2023, 1735-1472, 20, 2959-2982.

B. EREN, İ. AKSANGÜR & C. ERDEN, Predicting next hour fine particulate matter (PM2.5) in the Istanbul Metropolitan City using deep learning algorithms with time windowing strategy, Urban Climate, 2023, 2212-0955, 48, 101418, 1-18.

İ. AKSANGÜR, B. EREN & C. ERDEN, Evaluation of data preprocessing and feature selection process for prediction of hourly PM10 concentration using long short-term memory models, Environmental Pollution, 2022, 0269-7491, 311, 119973, 1-13.

M. ÖZSAĞIR, C. ERDEN, E. BOL, S. SERT & A. ÖZOCAK, Machine learning approaches for prediction of fine-grained soils liquefaction, COMPUTERS AND GEOTECHNICS, 2022, 0266-352X, 152, 14.

H. İ. DEMİR, C. ERDEN, A. H. KÖKÇAM & A. GÖKSU, A Tabu Search and Hybrid Evolutionary Strategies Algorithms for the Integrated Process Planning and Scheduling with Due-date Agreement, Journal of Intelligent Systems: Theory and Applications, 2021, 2651-3927, 4, 1, 24-36.

S. KOÇ & C. ERDEN, Green Supply Chain Management in the Context of Sustainability, Journal of Business and Trade, 2021, 2757-6809, 2, 1, 1-11.

H. İ. DEMİR, R. K. PHANDEN, A. H. KÖKÇAM, B. ERKAYMAN & C. ERDEN, Hybrid Evolutionary Strategy and Simulated Annealing Algorithms for Integrated Process Planning, Scheduling and Due-Date Assignment Problem, Academic Platform Journal of Engineering and Science, 2021, 2147-4575, 9, 1, 86-91.

H. İ. DEMİR & C. ERDEN, Dynamic integrated process planning, scheduling and due-date assignment using ant colony optimization, Computers Industrial Engineering, 2020, 0360-8352, 149, 106799.

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C. ERDEN, Process Planning And Scheduling With Wnoppt Weighted Due-date Assignment Where Earliness , Tardiness And Due- Dates Are Penalized, Journal of Intelligent Systems: Theory and Applications, 2018, 2651-3927, 1, 1, 16--25.

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C. ERDEN, H. İ. DEMİR, A. GÖKSU & Ö. UYGUN, Solving Process Planning, ATC Scheduling and Due-date Assignment Problems Concurrently Using Genetic Algorithm for Weighted Customers, Academic Platform Journal of Engineering and Science, 2018, 2147-4575, 6, 87-96.

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C. ERDEN, Determining The Production Amounts In Textile Industry With Fuzzy Linear Programming, International Journal of Engineering and Technology Research, 2017, 2564?6184, 2, 1, 1--6.

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C. ERDEN, H. İ. DEMİR, A. DEMİRİZ, M. DÜĞENCİ & Ö. UYGUN, Integrating Process Planning, WATC Weighted Scheduling, and WPPW Weighted Due-Date Assignment Using Pure and Hybrid Metaheuristics for Weighted Jobs, International Journal of Computational and Experimental Science and Engineering, 2017, 2149-9144, 3, 1, 11-20.

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C. ERDEN, Project Management Application In Food Machine Manufacturing Company, International Journal of Engineering and Technology Research, 2017, 2564?6184, 2, 1, 7--12.

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C. ERDEN & H. İ. DEMİR, Proses planlama ve ağırlıklı teslim tarihi atama ile birlikte ağırlıklıçizelgeleme probleminin bazı saf ve melez meta-sezgisel yöntemler ile çözümü, Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2017, 1301-4048, 21, 2, 210-222.

A. E. TANYERİ, C. ERDEN & F. ÇEREZCİ, STUDENTS PROFILE CHOOSING SAKARYA UNIVERSITY IN THE 2016-2017 FALL SEMESTER AND THEIR REASONS TO CHOOSE, The Online Journal of Quality in Higher Education, 2017, 0000-0000, 4, 2, 37-41.

C. ERDEN, Solving Process Planning And Weighted Scheduling With Wnoppt Weighted Due-date Assignment Problem Using Some Pure And Hybrid Meta-heuristics, Sakarya University Journal of Science, 2017, 1301-4048, 21, 2, 1--1.

C. ERDEN, H. İ. DEMİR, A. GÖKSU, O. CANPOLAT & M. NUR, Solving Process Planning and Scheduling with Number of Operation Plus Processing Time Due-Date Assignment Concurrently Using a Genetic Search, International Journal of Industrial and Manufacturing Engineering, 2017, 9195-0263, 11, 7, 1305-1311.

C. ERDEN, Students Profile Choosing Sakarya University In The 20162017 Fall Semester And Their Reasons To Choose, The Online Journal of Quality in Higher Education, 2017, 2148-2950, 4, 2, 37--41.

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C. ERDEN, Accident Causation Factor Analysis Of Traffic Accidents Using Rough Relational Analysis, International Journal of Rough Sets and Data Analysis, 2016, 2334-4598, 3, 3, 60--71.

C. ERDEN, Application Of Basic Principles Of Ergonomics In A Textile Workshop, International Journal of Engineering and Technology Research, 2016, 2564?6184, 1, 1, 23--37.

C. ERDEN, Fuzzy Axiomatic Design For Solving The Facility Layout Problem Of A Furniture Company, International Journal of Operations and Logistics Management, 2016, 2309-8023, 5, 3, 145--155.

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C. ERDEN, Growth Rate Factor Analysis Of Turkey Using Grey System Theory, Sakarya University Journal of Science, 2015, 2147-835X, 19, 3, 361--369.

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Conference Papers

E. YUVALI, H. İ. DEMİR, A. H. KÖKÇAM & C. ERDEN, Economic Analysis and Determination of Profitability of an Automotive Company's Building Construction Investment, Sözlü Sunum, 4th International Conference on Applied Engineering and Natural Sciences, 10 November 2022, 13 November 2022, 436 - 443.

A. ATALI, B. EREN, C. ERDEN & G. ATALI, LSTM Derin Öğrenme Yaklaşımı ile Hava Kalitesi Verilerinin Tahmini: Sakarya Örneği, Sözlü Sunum, 10th International Symposium on Innovative Technologies in Engineering and Science (ISITES2022), 21 October 2022, 23 October 2022, 2667-5862, 5, 3, 477 - 484.

F. ARSLAN, H. İ. DEMİR, C. ERDEN & B. ERKAYMAN, The Transition to 5G Project In The Telecommunications Industry Using CPM and PERT Techniques, Sözlü Sunum, 4th International Conference on Applied Engineering and Natural Sciences (ICAENS2022), 10 November 2022, 11 October 2022, 429 - 435.

J. D. O. KAHUDİ, C. ERDEN, H. ASLAN & Z. Ç. KUYUMCU, Examination Of The Causes Of Traffic Accidents Using Decision Trees: A Case Study In Sakarya Province In Turkey, Sözlü Sunum, 11th International Symposium on Intelligent Manufacturing and Service Systems, 27 May 2021, 29 May 2021, 530 - 535.

S. DERVİŞ, H. İ. DEMİR, R. K. PHANDEN, A. H. KÖKÇAM & S. DERVİŞ, Optimization of arrival and departure plans of airline passenger aircraft using evolutionary strategy, Sözlü Sunum, International Symposium on Intelligent Manufacturing and Service Systems, 27 May 2021, 29 May 2021, 978-605-74118-1-5, 2021, 36 - 42.

H. İ. DEMİR, N. MELEK, A. H. KÖKÇAM & C. ERDEN, Determination of New Proper Fire Station Location Using TOPSIS and AHP Techniques: A Case Study from Turkey, Sözlü Sunum, 10th International Symposium on Intelligent Manufacturing and Service Systems, 09 September 2019, 11 September 2019, 153 - 162.

H. İ. DEMİR, C. ERDEN, A. H. KÖKÇAM & A. GÖKSU, Integrated Process Planning, WMS Dispatching, and WSLK Due-Date Assignment Using Hybrid Semi-Tabu Search and Hybrid Evolutionary Strategies, Sözlü Sunum, 10 th International Symposium on Intelligent Manufacturing and Service Systems, 09 September 2019, 11 September 2019.

A. H. KÖKÇAM, E. DOĞAN & C. ERDEN, Meriç Nehri Akımlarının Yapay Sinir Ağları ile Tahmini, Sözlü Sunum, 2ND International Symposium on Natural Hazards and Disaster Management (ISHAD 2018), 04 May 2018, 06 May 2018, 796 - 802.

H. İ. DEMİR, C. ERDEN, A. H. KÖKÇAM & O. CANPOLAT, Solving Process Planning, WMS Dispatching, and WPPW Weighted Due-Date Assignment Simultaneously Using Random-Genetic Hybrid Search, Sözlü Sunum, International Conference on Innovations in Natural Science and Engineering, 03 January 2018, 06 January 2018, 36 - 36.

F. ÇEREZCİ, O. ÇEREZCİ & C. ERDEN, Investigation Of Electromagnetic Pollution Awareness Trends With Apriori Algorithm, Tam Metin Bildiri, International Conference On Advanced Engineering Technologies, 21 October 2017, 23 October 2017.

H. İ. DEMİR, B. ERKAYMAN, C. ERDEN & M. İPEK, Integrated Process Planning, WATC Dispatching, and WPPW WeightedDue-Date Assignment Using a Hybrid-SA Search, Sözlü Sunum, II. International Conference on Advanced Engineering Technologies, 21 September 2017, 23 September 2017.

F. ÇEREZCİ, O. ÇEREZCİ & C. ERDEN, Investigation of Electromagnetic Pollution Awareness Trends with Apriori Algorithm, Sözlü Sunum, ICADET 2017, 21 September 2017, 23 September 2017.

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M. SAYGILI, A. E. TANYERİ, A. ÖZDEMİR & C. ERDEN, ÇEVRE BİLİNCİ VE ÇEVRE DOSTU ÜRÜN BİLİNCİNE İLİŞKİN TUTUMLARIN İNCELENMESİ ÜZERİNE BİR ARAŞTIRMA ADIYAMAN ÜNİVERSİTESİ ÖRNEĞİ, Sözlü Sunum, 3rd INTERNATIONAL SYMPOSIUM ON ENVIRONMENT AND MORALITY, 04 November 2016, 06 November 2016, 1089 - 1098.

H. İ. DEMİR, C. ERDEN, A. GÖKSU & Ö. UYGUN, Solving Process Planning, Atc Scheduling And Due-date Assignment Problems Concurrently Using Genetic Algorithm For Weighted Customers, Tam Metin Bildiri, International Symposium On Innovative Technologies In Engineering And Science, 03 November 2016, 05 November 2016.

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C. ERDEN, AN APPLİCATİON OF ROUGH SETS THEORY ON TRAFFİC ACCİDENTS, Sözlü Sunum, OPT-İ, AN INTERNATİONAL CONFERENCE ON ENGİNEERİNG AND APPLİED SCİENCES OPTİMİZATİON, 01 June 2014, 01 June 2014, 1, 1.

TÜBİTAK Scholarships and Fundings

Number of Panelist/Observer/Reporter Jobs

Refereeing/Panelist/Outer Consultant Count	ARDEB/BİDEB 2	TEYDEB 0	Total 2
Number of Observer/Consultant Jobs	ARDEB/BİDEB 0	TEYDEB 0	Total 0
Number of Reporter Jobs	ARDEB/BİDEB 0	TEYDEB 0	Total 0