ÖZGEÇMİŞ

1. Adı Soyadı : Ercan SOLAK
2. Doğum Tarihi :
3. Unvanı : Prof.Dr.
4. Öğrenim Durumu : Doktora
5. Çalıştığı Kurum : İstanbul Okan Üniversitesi

Derece	Alan	Üniversite	Yıl
Lisans	ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ	İHSAN DOĞRAMACI BİLKENT ÜNİVERSİTESİ	1994
Yüksek Lisans	ELEKTRİK VE ELEKTRONİK MÜHENDİSLİĞİ (YL) (TEZLİ) (İNGİLİZCE)	İHSAN DOĞRAMACI BİLKENT ÜNİVERSİTESİ	1996
Doktora	ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ (DR) (İNGİLİZCE)	İHSAN DOĞRAMACI BİLKENT ÜNİVERSİTESİ	2001

5. Akademik Unvanlar

Yardımcı Doçentlik Tarihi :
Doçentlik Tarihi :
Profesörlük Tarihi :

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

ALİ UMUT ASLAN, The effects of hierarchy on mobile wireless sensor network coverage, ORTA DOĞU TEKNİK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2006.

GÖKSEL CAN, Secure SMS using simplified PGP, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2008.

HİLAL KARATOY, Data collection and analysis on vanet, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2009.

CAHİT ÇOKAL, Security of chaotic cryptosystems, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2009.

BERK EKİM PAŞMAKOĞLU, Automatic music transcription, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2010.

ERGİN DOĞAN YILDIZ, Author identification of newspaper columns using style and semantic features, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2016.

BERKE ÖZENÇ, Morphological analyser for Turkish, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2017.

BURAK ERTOPCU, Sense distinction using computational methods in Turkish dictionaries, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2017.

ALİ BUĞRA KANBUROĞLU, Graph clustering approach to sentiment analysis, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2018.

BARIŞ CAN ERKOÇ, Rule-based chunking of semantic roles for Turkish, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2018.

OULA ALSHEIKH, Meronyms and synonyms extraction from English dictionary, BEYKOZ ÜNİVERSİTESİ, LİSANSÜSTÜ PROGRAMLAR ENSTİTÜSÜ, 2025.

MANAR ALKULL, A benchmarking framework for evaluating cloud services: A case study on azure app service vs DOCKER container, BEYKOZ ÜNİVERSİTESİ, LİSANSÜSTÜ PROGRAMLAR ENSTİTÜSÜ, 2025.

6.2. Doktora Tezleri

RAZIEH EHSANI, KeNet: A comprehensive Turkish wordnet and its applications in text clustering, IŞIK ÜNİVERSİTESİ, FEN BİLİMLERİ ENSTİTÜSÜ, 2018.

BERKE ÖZENÇ, An approach to analyse Turkish syntax at the morphosyntactic level, IŞIK ÜNİVERSİTESİ, LİSANSÜSTÜ EĞİTİM ENSTİTÜSÜ, 2025.

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler

Morgül Ömer, Solak Ercan, Observer based synchronization of chaotic systems, Physical Review E, 1996.

Morgül Ömer, Solak Ercan, On the Synchronization of Chaos Systems by Using State Observers, International Journal of Bifurcation and Chaos, 1997.

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Solak E., Partial Identification of Lorenz System and Its Application to Key Space Reduction of Chaotic Cryptosystems, IEEE Transactions on Circuits and Systems II: Express Briefs, 2004.

Solak Ercan, On the security of a class of discrete time chaotic cryptosystems, Physics Letters A, 2004.

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SOLAK ERCAN, EHSANİ RAZİEH, YILDIZ OLCAY TANER, Constructing a WordNet for Turkish Using Manual and Automatic Annotation, ACM Transactions on Asian and Low-Resource Language Information Processing, 2018.

7.2. Ulusal hakemli dergilerde yayınlanan makaleler

SOLAK ERCAN,ÖZENÇ BERKE, TÜRKÇE İÇİN BİÇİMBİRİM TEMELLİ BİR BİLEŞEN GRAMERİ YAKLAŞIMI, Beykoz Akademi Dergisi, 2024.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

SOLAK ERCAN, Cryptanalysis of image encryption with compoundchaotic sequence, International Multi-Conference on Systems, Signals and Devices,.

W E Leithead, Ercan Solak, D J Leith, Direct Identification of Nonlinear Structure using Gaussian Process Priors, European Control Conference,.

Ercan Solak, R Murray Smith, D J Leith, C E Rasmussen, Derivative Observations in Gaussian Process Models of Dynamical Systems, NIPS 2002,.

SOLAK ERCAN, Constructing a Turkish-English Parallel Treebank, Annual Meeting of the Association for Computational Linguistics,2014.

YILDIZ OLCAY TANER, SOLAK ERCAN, Çandır Semsinur, EHSANİ RAZİEH, Görgün Onur, Constructing a Turkish Constituency Parse TreeBank, ISCIS,2015.

SOLAK ERCAN, An experimental evaluation of prior polarities in sentiment lexicons, IEEE International Conference on Data Mining Workshops,2017.

SOLAK ERCAN, A FST Description of Noun and Verb Morphology of Azarbaijani Turkish, International Conference on Finite State Methods and Natural Language Processing,2017.

SOLAK ERCAN, MorAz: an Open-source Morphological Analyzer for Azerbaijani Turkish, EMNLP,2018.

SOLAK ERCAN, Syntactic annotation of Turkic languages, International Conference on Turkic Languages Processing,2019.

SOLAK ERCAN, A Systematic Analysis into the Morphotactics of Person, Question and Multiple Tenses in Turkish, International Conference on Turkic Languages Processing,2019.

SOLAK ERCAN, Visual Modelling of Morphology, International Conference on Turkic Languages Processing,2019.

SOLAK ERCAN, On Relative Clause in Turkish, International Conference on Turkic Languages Processing,2019.

SOLAK ERCAN, Constructing minimalist monolingual dictionaries for Turkic languages, International Conference on Turkic Languages Processing,2019.

SOLAK ERCAN, ERTEN YUSUF MURAT, ÖZBAYOĞLU AHMET MURAT, HSV Color Histogram Based Image Retrieval with Background Elimination, International Informatics and Software Engineering Conference,2019.

SOLAK ERCAN, A Visual Modeling of Turkish Morphology, Language Resources and Evaluation Conference,2020.

SOLAK ERCAN, Accusative Licensing of Nouns in Turkish, Workshop on Turkic and Languages in Contact with Turkic,2021.

7.4. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

Solak Ercan, Passion of chaotic cryptography, SIU, .

YILDIZ OLCAY TANER,SOLAK ERCAN, Constructing a Turkish Constituency Parse TreeBank, Constructing a Turkish Constituency Parse TreeBank, 2026.

7.5. Yazılan uluslararası kitaplar veya kitaplarda bölümler

SOLAK ERCAN, Chaos based Cryptography, 2011.

7.6. Yazılan ulusal kitaplar veya kitaplarda bölümler

SOLAK ERCAN, Türkçe ile Hesaplamalı Dil Bilimi, 2022.

7.7. Diğer yayınlar

8. Projeler

Kaotik şifreleme sistemlerinin güvenlik analizi, TÜBİTAK PROJESİ, .

9. İdari Görevler

2017 - 2021	Rektör Yardımcısı, IŞIK ÜNİVERSİTESİ
2016 - 2019	Dekan, IŞIK ÜNİVERSİTESİ
2008 - 2016	Bölüm Başkanı, IŞIK ÜNİVERSİTESİ
2008 - 2016	Anabilim Dalı Başkanı, IŞIK ÜNİVERSİTESİ

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

- ACM (2007)
- IEEE (1994)

11. Ödüller

12. Son İki Yılda Verdiği Lisans ve Lisansüstü Düzeydeki Dersler

- Ayrık Matematik, Lisans, 2004-2005, Ders Saati: 3
- Kablosuz Ağlar, Yüksek Lisans, 2005-2006, Ders Saati: 3
- Ayrık Matematik, Lisans, 2005-2006, Ders Saati: 3
- Computer and Network Security, Lisans, 2006-2007, Ders Saati: 3
- Computer Architecture, Lisans, 2006-2007, Ders Saati: 3
- Computer Organization, Lisans, 2006-2007, Ders Saati: 3
- Programming Workshop, Lisans, 2006-2007, Ders Saati: 2

- Operating Systems, Lisans, 2007-2008, Ders Saati: 3
- Cryptograaphy, Yüksek Lisans, 2007-2008, Ders Saati: 3
- Microprocessors, Lisans, 2007-2008, Ders Saati: 2
- Computer Organization, Lisans, 2007-2008, Ders Saati: 3
- Cryptography, Yüksek Lisans, 2008-2009, Ders Saati: 3
- Operating Systems, Lisans, 2008-2009, Ders Saati: 3
- Computer Organization, Lisans, 2008-2009, Ders Saati: 3
- Computer Networks, Lisans, 2009-2010, Ders Saati: 3
- Wireless Networks, Yüksek Lisans, 2009-2010, Ders Saati: 3
- Computer Organization, Lisans, 2009-2010, Ders Saati: 3
- Computer and Network Security, Lisans, 2010-2011, Ders Saati: 3
- Engineering Orientation, Lisans, 2010-2011, Ders Saati: 1
- Computer Networks, Lisans, 2010-2011, Ders Saati: 3
- Computer Organization, Lisans, 2010-2011, Ders Saati: 3
- Computer and Network Security, Lisans, 2011-2012, Ders Saati: 3
- Engineering Orientation, Lisans, 2011-2012, Ders Saati: 1
- Computer Networks, Lisans, 2011-2012, Ders Saati: 3
- Engineering Orientation, Lisans, 2012-2013, Ders Saati: 1
- Computer Organization, Lisans, 2012-2013, Ders Saati: 3
- Object Oriented Programming, Lisans, 2012-2013, Ders Saati: 2
- Introduction to Programming, Lisans, 2012-2013, Ders Saati: 3
- Computer Networks, Lisans, 2013-2014, Ders Saati: 3
- Introduction to Programming, Lisans, 2013-2014, Ders Saati: 3
- Introduction to Computing, Lisans, 2013-2014, Ders Saati: 1
- iOS Development, Lisans, 2014-2015, Ders Saati: 3
- Advanced Natural Language Processing, Yüksek Lisans, 2015-2016, Ders Saati: 3
- Human Computer Interaction, Lisans, 2015-2016, Ders Saati: 3

- Natural Language Processing, Lisans, 2015-2016, Ders Saati: 3
- Natural Language Processing, Lisans, 2016-2017, Ders Saati: 3
- Natural Language Processing, Lisans, 2017-2018, Ders Saati: 3
- Information Retrieval, Yüksek Lisans, 2017-2018, Ders Saati: 3
- Scientific Research Methods and Ethics in Research and Publication, Yüksek Lisans, 2018-2019, Ders Saati: 3
- Human Computer Interaction, Lisans, 2018-2019, Ders Saati: 3
- Scientific Research Methods and Ethics in Research and Publication, Yüksek Lisans, 2020-2021, Ders Saati: 3
- Computational Linguistics, Yüksek Lisans, 2020-2021, Ders Saati: 3
- Operating Systems, Lisans, 2021-2022, Ders Saati: 4
- Natural Language Processing, Yüksek Lisans, 2021-2022, Ders Saati: 3
- İşletim Sistemleri, Lisans, 2021-2022, Ders Saati: 4
- Computer Organization, Lisans, 2022-2023, Ders Saati: 4
- Bilgisayar Organizasyonu, Lisans, 2022-2023, Ders Saati: 4
- Information Retrieval, Yüksek Lisans, 2022-2023, Ders Saati: 3