

Dr. Öğr. Üyesi ÇAĞRI TORAMAN

Kişisel Bilgiler

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Eğitim Bilgileri

Post Doktora, University of Central Florida, Amerika Birleşik Devletleri 2018 - 2019

Bütünleşik Doktora, İhsan Doğramacı Bilkent Üniversitesi, Computer Engineering, Türkiye 2011 - 2017

Doktora, İhsan Doğramacı Bilkent Üniversitesi, Türkiye 2011 - 2017

Yüksek Lisans, İhsan Doğramacı Bilkent Üniversitesi, Türkiye 2009 - 2011

Lisans, İhsan Doğramacı Bilkent Üniversitesi, Türkiye 2005 - 2009

Araştırma Alanları

Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma, Doğal Dil İşlemesi, İnsan Bilgisayar Etkileşimi, Metin/Doküman İşleme, Sinirsel Ağlar

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2024 - Devam Ediyor

Verdiği Dersler

Applied Natural Language Processing, Yüksek Lisans, 2024 - 2025

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

I. **Constructing ensembles for hate speech detection**

Kucukkaya I. E., TORAMAN Ç.

NATURAL LANGUAGE PROCESSING, 2024 (SCI-Expanded)

II. **The effect of gender bias on hate speech detection**

Sahinuc F., Yilmaz E. H., Toraman Ç., Koc A.

SIGNAL IMAGE AND VIDEO PROCESSING, cilt.17, sa.4, ss.1591-1597, 2023 (SCI-Expanded)

III. **Impact of Tokenization on Language Models: An Analysis for Turkish**

Toraman Ç., Yilmaz E. H., Sahinuc F., Ozcelik O.

ACM TRANSACTIONS ON ASIAN AND LOW-RESOURCE LANGUAGE INFORMATION PROCESSING, cilt.22, sa.4, 2023 (SCI-Expanded)

IV. **Named entity recognition in Turkish: A comparative study with detailed error analysis**

Ozcelik O., Toraman Ç.

INFORMATION PROCESSING & MANAGEMENT, cilt.59, sa.6, 2022 (SCI-Expanded)

V. **Event-related microblog retrieval in Turkish**

Toraman Ç.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.30, sa.3, ss.1067-1083, 2022 (SCI-Expanded)

VI. **Discovering Story Chains: A Framework Based on Zigzagged Search and News Actors**

Toraman Ç., Can F.

JOURNAL OF THE ASSOCIATION FOR INFORMATION SCIENCE AND TECHNOLOGY, cilt.68, sa.12, ss.2795-2808, 2017 (SCI-Expanded)

VII. **A front-page news-selection algorithm based on topic modelling using raw text**

Toraman Ç., Can F.

JOURNAL OF INFORMATION SCIENCE, cilt.41, sa.5, ss.676-685, 2015 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. **Understanding social engagements: A comparative analysis of user and text features in Twitter**

Toraman Ç., Sahinuc F., Yilmaz E. H., Akkaya I. B.

SOCIAL NETWORK ANALYSIS AND MINING, cilt.12, sa.1, 2022 (ESCI)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **MiDe22: An Annotated Multi-Event Tweet Dataset for Misinformation Detection**

TORAMAN Ç., Ozcelik O., Şahinuc F., Can F.

Joint 30th International Conference on Computational Linguistics and 14th International Conference on Language Resources and Evaluation, LREC-COLING 2024, Hybrid, Torino, İtalya, 20 - 25 Mayıs 2024, ss.11283-11295

II. **PejorativITy: Disambiguating Pejorative Epithets to Improve Misogyny Detection in Italian Tweets**

Muti A., Ruggeri F., TORAMAN Ç., Musetti L., Algherini S., Ronchi S., Saretto G., Zapparoli C., Barrón-Cedeño A.

Joint 30th International Conference on Computational Linguistics and 14th International Conference on Language Resources and Evaluation, LREC-COLING 2024, Hybrid, Torino, İtalya, 20 - 25 Mayıs 2024, ss.12700-12711

III. **JL-Hate: An Annotated Dataset for Joint Learning of Hate Speech and Target Detection**

Buyukdemirci K., Kucukkaya I. E., Olmez E., TORAMAN Ç.

Joint 30th International Conference on Computational Linguistics and 14th International Conference on Language Resources and Evaluation, LREC-COLING 2024, Hybrid, Torino, İtalya, 20 - 25 Mayıs 2024, ss.9543-9553

IV. **ARC-NLP at ClimateActivism 2024: Stance and Hate Speech Detection by Generative and Encoder Models Optimized with Tweet-Specific Elements**

Kaya A. K., Ozcelik O., Toraman Ç.

7th Workshop on Challenges and Applications of Automated Extraction of Socio-Political Events from Text, CASE 2024, St. Julian's, Malta, 22 Mart 2024, ss.111-117

V. **Zero and Few-shot Hate Speech Detection in Social Media Messages Related to Earthquake Disaster**

Sahin U., Kucukkaya I. E., Ozcelik O., Toraman Ç.

31st IEEE Conference on Signal Processing and Communications Applications (SIU), İstanbul, Türkiye, 5 - 08 Temmuz 2023

VI. **ARC-NLP at Multimodal Hate Speech Event Detection 2023: Multimodal Methods Boosted by Ensemble Learning, Syntactical and Entity Features**

Sahin U., Kucukkaya I. E., Ozcelik O., Toraman Ç.

6th Workshop on Challenges and Applications of Automated Extraction of Socio-Political Events from Text, CASE 2023, Varna, Bulgaristan, 07 Eylül 2023, ss.71-78

VII. **SiMiD: Similarity-based Misinformation Detection via Communities on Social Media Posts**

Ozcelik O., Toraman Ç., Can F.

10th International Conference on Social Networks Analysis, Management and Security, SNAMS 2023, Abu Dhabi, Birleşik Arap Emirlikleri, 21 - 24 Kasım 2023

VIII. **ARC-NLP at PAN 2023: Transition-Focused Natural Language Inference for Writing Style Detection**

Kucukkaya I. E., Sahin U., Toraman Ç.

24th Working Notes of the Conference and Labs of the Evaluation Forum, CLEF-WN 2023, Thessaloniki, Yunanistan, 18 - 21 Eylül 2023, cilt.3497, ss.2659-2668

IX. **ARC-NLP at PAN 2023: Hierarchical Long Text Classification for Trigger Detection**

Sahin U., Kucukkaya I. E., Toraman Ç.

24th Working Notes of the Conference and Labs of the Evaluation Forum, CLEF-WN 2023, Thessaloniki, Yunanistan, 18 - 21 Eylül 2023, cilt.3497, ss.2747-2757

X. **D2U: Distance-to-Uniform Learning for Out-of-Scope Detection**

Yilmaz E. H., Toraman Ç.

Conference of the North-American-Chapter-of-the-Association-for-Computational-Linguistics (NAAACL) - Human Language Technologies, Washington, Amerika Birleşik Devletleri, 10 - 15 Temmuz 2022, ss.2093-2108

XI. **ARC-NLP at CASE 2022 Task 1: Ensemble Learning for Multilingual Protest Event Detection**

Sahin U., Ozcelik O., Kucukkaya I. E., Toraman Ç.

5th Workshop on Challenges and Applications of Automated Extraction of Socio-Political Events from Text, CASE 2022, Abu Dhabi, Birleşik Arap Emirlikleri, 7 - 08 Aralık 2022, ss.175-183

XII. **BlackLivesMatter 2020: An Analysis of Deleted and Suspended Users in Twitter**

Toraman Ç., Sahinuc F., Yilmaz E. H.

14th ACM Web Science Conference (WebSci), Barcelona, İspanya, 26 - 29 Haziran 2022, ss.290-295

XIII. **Large-Scale Hate Speech Detection with Cross-Domain Transfer**

Toraman Ç., Sahinuc F., Yilmaz E. H.

13th International Conference on Language Resources and Evaluation (LREC), Marseille, Fransa, 20 - 25 Haziran 2022, ss.2215-2225

XIV. **ARC-NLP at CheckThat! 2022: Contradiction for Harmful Tweet Detection**

Toraman Ç., Ozcelik O., Şahinuc F., Sahin U.

2022 Conference and Labs of the Evaluation Forum, CLEF 2022, Bologna, İtalya, 5 - 08 Eylül 2022, cilt.3180, ss.722-739

XV. **Slot Filling for Voice Assistants Sesli Asistanlarda Parametre Etiketleme**

Ozcelik O., Yilmaz E. H., Sahinuc F., Toraman Ç.

30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Türkiye, 15 - 18 Mayıs 2022

XVI. **Topic Detection based on Deep Learning Language Model in Turkish Microblogs**

Sahinuc F., Toraman Ç., Koc A.

29th IEEE Conference on Signal Processing and Communications Applications (SIU), ELECTR NETWORK, 9 - 11 Haziran 2021

XVII. **Tweet Length Matters: A Comparative Analysis on Topic Detection in Microblogs**

Şahinuc F., Toraman Ç.

43rd European Conference on Information Retrieval, ECIR 2021, Virtual, Online, 28 Mart - 01 Nisan 2021, cilt.12657 LNCS, ss.471-478

XVIII. **Intent Classification based on Deep Learning Language Model in Turkish Dialog Systems**

Yilmaz E. H., Toraman Ç.

29th IEEE Conference on Signal Processing and Communications Applications (SIU), ELECTR NETWORK, 9 - 11 Haziran 2021

XIX. **KLOOS: KL Divergence-based Out-of-Scope Intent Detection in Human-to-Machine Conversations**

Yilmaz E. H., Toraman Ç.

43rd International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), ELECTR NETWORK, 25 - 30 Temmuz 2020, ss.2105-2108

- XX. **CrossSimON: A Novel Probabilistic is Approach to Cross-Platform Online Social Network Simulation**
Liu J, Chung W, Huang Y, Toraman Ç.
17th IEEE Annual International Conference on Intelligence and Security Informatics (ISI), Shenzhen, Çin, 1 - 03 Temmuz 2019, ss.7-12
- XXI. **A Deep Learning Approach to Modeling Temporal Social Networks on Reddit**
Chung W, Toraman Ç., Huang Y, Vora M, Liu J.
17th IEEE Annual International Conference on Intelligence and Security Informatics (ISI), Shenzhen, Çin, 1 - 03 Temmuz 2019, ss.68-73
- XXII. **SimON-Feedback: An Iterative Algorithm for Performance Tuning in Online Social Simulation**
Vora M, Chung W, Toraman Ç., Huang Y.
17th IEEE Annual International Conference on Intelligence and Security Informatics (ISI), Shenzhen, Çin, 1 - 03 Temmuz 2019, ss.13-17
- XXIII. **Squeezing the ensemble pruning: Faster and more accurate categorization for news portals**
Toraman Ç., Can F.
34th European Conference on Information Retrieval, ECIR 2012, Barcelona, İspanya, 1 - 05 Nisan 2012, cilt.7224 LNCS, ss.508-511
- XXIV. **Developing a text categorization template for Turkish news portals**
Toraman Ç., Can F, Koçberber S.
2011 International Symposium on INnovations in Intelligent SysTems and Applications, INISTA 2011, Istanbul-Kadikoy, Türkiye, 15 - 18 Haziran 2011, ss.379-383
- XXV. **Ensemble Pruning for Text Categorization Based on Data Partitioning**
Toraman Ç., Can F.
7th Asia Information Retrieval Societies Conference (AIRS 2011), Dubai, Birleşik Arap Emirlikleri, 18 - 20 Aralık 2011, ss.352-361

Bilimsel Araştırma / Çalışma Grubu Üyelikleri

Applied Natural Language Processing Group, Orta Doğu Teknik Üniversitesi, Turkey, <https://nlp.ceng.metu.edu.tr>, 2024 - Devam Ediyor

Metrikler

Yayın: 33

Atf (WoS): 51

Atf (Scopus): 133

H-İndeks (WoS): 5

H-İndeks (Scopus): 7