

## **Asst. Prof. GÖNENÇ ERCAN**

### **Personal Information**

**Email:** gonenc.ercan@hacettepe.edu.tr

### **Education Information**

Doctorate, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey  
2006 - 2012

Post Graduate, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği,  
Turkey 2004 - 2006

Under Graduate, Doğu Akdeniz Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 1998 - 2002

### **Dissertations**

Doctorate, Lexical cohesion analysis for topic segmentation, summarization and keyphrase extraction, Bilkent  
Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2012

Post Graduate, Automated text summarization and keyphrase extraction, Bilkent Üniversitesi, Mühendislik Fakültesi,  
Bilgisayar Mühendisliği Bölümü, 2006

### **Research Areas**

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Natural Language Processing,  
Engineering and Technology

### **Academic Titles / Tasks**

Assistant Professor, Hacettepe Üniversitesi, Bilişim Enstitüsü, 2018 - Continues

Assistant Professor, Hacettepe Üniversitesi, Bilişim Enstitüsü, 2015 - 2018

Assistant Professor, Çankaya Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2013 - 2015

### **Advising Theses**

ERCAN G., Multi-word expression detection for turkish, Post Graduate, N.HÜRMEYDAN(Student), 2016

ERCAN G., Emotion detection in novels, Post Graduate, B.BAŞDEMİR(Student), 2015

ERCAN G., Keyphrase extraction from Arabic scientific articles, Post Graduate, F.HANCI(Student), 2015

ERCAN G., Semantik ilişki fonksiyonunu kullanarak metin benzerliklerinin hesaplanması, Post Graduate,  
A.RİADH(Student), 2014

ERCAN G., The effects of morphological structure of Turkish on semantic relatedness, Post Graduate,  
U.SOPAOĞLU(Student), 2014

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

- I. **Evaluating cross-lingual textual similarity on dictionary alignment problem**  
SEVER Y., ERCAN G.  
LANGUAGE RESOURCES AND EVALUATION, 2020 (Journal Indexed in SCI)
- II. **Selective personalization and group profiles for improved web search personalization**  
Mansoub S. K. , ERCAN G., ÇİÇEKLİ İ.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, pp.1631-1643, 2020  
(Journal Indexed in SCI)
- III. **Synset expansion on translation graph for automatic wordnet construction**  
ERCAN G., HAZIYEV F.  
INFORMATION PROCESSING & MANAGEMENT, vol.56, pp.130-150, 2019 (Journal Indexed in SCI)
- IV. **Topic segmentation using word-level semantic relatedness functions**  
ERCAN G., ÇİÇEKLİ İ.  
JOURNAL OF INFORMATION SCIENCE, vol.42, pp.597-608, 2016 (Journal Indexed in SCI)
- V. **Using lexical chains for keyword extraction**  
ERCAN G., CICEKLI Y.  
INFORMATION PROCESSING & MANAGEMENT, vol.43, pp.1705-1714, 2007 (Journal Indexed in SCI)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Retrieving Textual Evidence for Knowledge Graph Facts**  
ERCAN G., ELBASSUONI S., HOSE K.  
16th International Extended Semantic Web Conference (ESWC), Portoroz, Slovenia, 2 - 06 June 2019, vol.11503, pp.52-67
- II. **Evaluation of Semantic Relatedness Measures for Turkish Language**  
SOPAĞLU U., ERCAN G.  
17th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing), Konya, Turkey, 3 - 09 April 2016, vol.9623, pp.600-611
- III. **Modernization of Old Turkish Texts**  
ÖZKAN E., ERCAN G.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- IV. **Computer Science Terminology Extraction from Parallel Corpora**  
SAHİN O., KURTOĞLU A., ERCAN G.  
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- V. **Sentiment Classification on Turkish Hotel Reviews**  
OĞUL B. B. , ERCAN G.  
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.497-500
- VI. **Calculation of Textual Similarity Using Semantic Relatedness Functions**  
KAIRALDEEN A. R. , ERCAN G.  
16th Annual Conference on Intelligent Text Processing and Computational Linguistics (CICLing), Cairo, Egypt, 14 - 20 April 2015, vol.9042, pp.516-524

### **Citations**

Total Citations (WOS):107

h-index (WOS):2