

Assoc. Prof. Gülşen Eryiğit

Personal Information

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Biography

Gülşen Eryiğit is an Assistant Professor at Istanbul Technical University (ITU), Turkey, founding member of the ITU Natural Language Processing Group, member of the ITU Learning from Big Data Group. She received her M.S. and Ph.D. degrees from the Computer Engineering Department, Istanbul Technical University, Turkey, in 2002 and 2007, respectively. In 2006, she worked as a visiting student researcher at Växjö University, Sweden where she worked in the first ranked team of Conll shared tasks in 2006 and 2007 on multi-lingual dependency parsing. In 2007, she won Siemens Excellence award for her PhD thesis.

Her current research focuses on natural language processing of Turkish. In this field, she acted as a reviewer or co-author of various publications in prestigious journals and conferences. She was the Turkey's representative in CLARIN (EU 7th Framework Programme, CLARIN - Common language resources and technology infrastructure). Currently, she is the leader of two research projects: one EU Cost Action project "Parsing Web2.0 Sentences" funded by the Scientific and Technological Research Council of Turkey (TUBITAK) and one national project "Turkish Mobile Personal Assistant" funded by Turkey's Ministry of Science, Industry and Technology. She is the NLP coordinator of one interdisciplinary research project "A Signing Avatar System for Turkish to Turkish Sign Language Machine Translation" funded by TUBITAK. She is serving as a consultant or technical advisor to several companies. She has been a reviewer for many research and industrial proposals for European Commission (H2020 and Cost Action Programs), TUBITAK, Turkey's Ministry of Science, Industry and Technology and Swiss National Science Foundation.

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2002 - 2007

Postgraduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2000 - 2002

Undergraduate, Marmara Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 1995 - 2000

Foreign Languages

French

German, A1 Beginner

English

Dissertations

Doctorate, Türkçe'nin bağılık ayrıştırması, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007

Postgraduate, Sözlüksüz köke ulaşma yöntemi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2002

Research Areas

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

Academic Titles / Tasks

Assistant Professor, İstanbul Teknik Üniversitesi, Bilgisayar Ve Bilişim Fakültesi, Bilgisayar Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, Bilgisayar Ve Bilişim Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007 - 2018

Lecturer PhD, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007 - 2007

Research Assistant, İstanbul Teknik Üniversitesi, Elektrik-Elektronik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2002 - 2007

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

I. Information Extraction from Text Intensive and Visually Rich Banking Documents

Oral B., Emekligil E., Arslan S., Eryiğit G.

INFORMATION PROCESSING & MANAGEMENT, vol.57, no.6, 2020 (Journal Indexed in SCI)

Supported Projects

Eryiğit G., Pamay T., Project Supported by Higher Education Institutions, Coreference Resolution of Turkish, 2017 - 2018

Eryiğit G., Project Supported by Higher Education Institutions, Türkçe nin Bağlılık Analizinde Otomatik biçimbirimsel Analizin ve Belirsizlik Gedermenin Etkisi, 2012 - 2018

Citations

Total Citations (WOS):78

h-index (WOS):4