Berke Özenç, PhD.

Computer Engineering Department
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Education

2018 - 2025	PhD. in Computer Science and Engineering	Işık University, İstanbul, Turkey
2016 - 2018	M.Sc. in Computer Science and Engineering	Işık University, İstanbul, Turkey
2011 - 2016	B.Sc. in Software Engineering	Işık University, İstanbul, Turkey

Employment

2016 - 2023	Research & Teaching Assistant	Işık University, İstanbul, Turkey
2023 -	Instructor PhD	Işık University, İstanbul, Turkey

Skills

Experience in python, java, C# including graphical user interface designing.

Web development with python, java, php including sql for database operations. Several web works done for project and freelance development.

Web site scrapping and management of several data format types like json with java and python or managing the data in custom.

Image processing on Matlab.

High experience in computational operations based on linguistics with HFST and NLP libraries such as NLTK.

Interests

Linguistics, especially Turkish and Turkic languages, Morphological structures and phonetics, Syntax, Image Processing for detection.

Courses Assisted

Introduction to Programming, Object oriented Programming, Computer Organizations, Computer Networks, Human Computer Interaction, Requirements Analysis, Database Systems, Data Structure & Algorithms.

Courses Offered

Object oriented Programming, Computer Organizations, Microcontrollers, Computer Networks, Data Structure & Algorithms, Android Programming.

Publications

1. Ehsani, Razieh, Berke Özenç, and Ercan Solak. "A FST Description of Noun and Verb Morphology of Azarbaijani Turkish." *Proceedings of the 13th International Conference on Finite State Methods and Natural Language Processing (FSMNLP 2017)*. 2017.
2. Ertopçu, Burak, et al. "A new approach for named entity recognition." *Computer Science and Engineering (UBMK), 2017 International Conference on*. IEEE, 2017.
3. Açıkgöz, Onur, et al. "All-words word sense disambiguation for Turkish." *Computer Science and Engineering (UBMK), 2017 International Conference on*. IEEE, 2017.
4. Topsakal, Ozan, et al. "Shallow parsing in Turkish." *Computer Science and Engineering (UBMK), 2017 International Conference on*. IEEE, 2017.

5. Özenç, Berke, and Ercan Solak. "Rule based automatic news tagging." *Signal Processing and Communications Applications Conference (SIU), 2017 25th*. IEEE, 2017.
6. ÖZENÇ BERKE, Ehsani Razieh, SOLAK ERCAN (2018). MorAz An open-source morphological analyzer for Azerbaijani Turkish : An open-source morphological analyzer for Azerbaijani Turkish. The Conference on Empirical Methods in Natural Language Processing Proceedings of System Demonstrations
7. ÖZENÇ BERKE, SOLAK ERCAN (2019). Visual modelling of morphology. International Conference on Computer Processing of Turkic Languages
8. ÖZENÇ BERKE, SOLAK ERCAN (2019). Syntactic annotation of Turkic languages. International Conference on Computer Processing of Turkic Languages
9. ÖZENÇ BERKE, SOLAK ERCAN (2019). A systematic analysis into the morphotactics of Person, Question and multiple Tenses in Turkish. International Conference on Computer Processing of Turkic Languages
10. ÖZENÇ BERKE, SOLAK ERCAN (2020). Visual modeling of Turkish morphology. Language Resources and Evaluation Conference
11. Özenç, B., & Solak, E. (2024). TÜRKÇE İÇİN BİÇİMBİRİM TEMELLİ BİR BİLEŞEN GRAMERİ YAKLAŞIMI. Beykoz Akademi Dergisi, 12(2), 172-197. https://doi.org/10.14514/beykozad.1508348