

Merve ÜNLÜ

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Education

- 2019 – **PhD**, *Computer Science, Boğaziçi University, Istanbul, Turkey*,
Current *Topic: Natural Language Processing, Question Answering*,
Advisors: Ebru Arisoy Saraçlar and Arzucan Özgür.
- 2016–2019 **Master**, *Computer Science, Boğaziçi University, Istanbul, Turkey*,
Thesis: Deep Learning Methods for Spoken Question Answering
Advisors: Ebru Arisoy Saraçlar and Arzucan Özgür.
- 2013–2014 **Master 2**, *Computer Science, Ecole Normale Supérieure, Lyon, France*,
Thesis: In Silico Experimental Evolution and Parallelism using MPI.
Scholarship by INRIA-French Institute for Research in Computer Science and Automation
- 2010–2011 **Erasmus Programme**, *Computer Engineering*,
Institut National Sciences Appliquées, Lyon, France.
- 2007–2012 **License**, *Computer Engineering, Galatasaray University, Istanbul*,
Project: Development of a mobile application to build a communication between
Cloud and wearable device.
Scholarship sponsored by Galatasaray Education Foundation

Experience

- 2014 – **Research/Teaching Assistant**, *Galatasaray University, Turkey*.
Current Teaching assistant for undergraduate courses: *Algorithms and Advanced Programming*,
Parallel Programming, Introduction to Computer Engineering
- Febr-Jul 2014 **Intern**, *Inria-Beagle, Lyon*.
The parallelisation Aevol, developed by the members of Beagle to simulate the bacterial
evolution using MPI library in C
- 2012–2013 **Developer**, *Arskom Software and IT, Istanbul*.
Accounting Software was developed using an OpenSource project, Spyne in Python
- Summer 2011 **Intern**, *Siemens Enterprise Communications, Ankara*.
Communication Systems on mobile devices, developing a source management system
- Summer 2010 **Intern**, *Baymak, Istanbul*.
IT Department – Information Technologies

Research Interest

Natural Language processing, Deep learning, Speech Processing, Dialog Systems, Spoken and Textual Question Answering, Transfer Learning

Skills

Computer Latex, C, C++, Python, Matlab, Numpy, Keras, Pytorch, Spacy, HTML-CSS, Javascript
Languages Turkish (native), French (DELF B2), English (TOEFL 95)

Publications

- 2019 Ünlü, Merve, Ebru Arisoy, and Murat Saraçlar. "Question answering for spoken lecture processing." ICASSP 2019-2019 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP). IEEE, 2019.
- 2019 Ünlü, Merve, Ebru Arisoy, and Murat Saraçlar. "A Question Answering System for Spoken Lectures in Turkish" 2019 27th Signal Processing and Communications Applications Conference (SIU), 2019

Entertainment & Activities

- Participation of Parachut Training, organized by the Turkish Aeronautical Association
- Volunteer work in the community center Tarlabası (April 2010 - February 2011)
- Handmade jewelry crafting and design, painting