

Personal Information	<p>Surname: Bokaei</p> <p>Name: Mohammad Hadi</p> <p>Date & place of birth: August 14, 1985 – Tehran, Iran.</p> <p>Address: Iran Telecommunication Research Center, North Kargar Street, Tehran, Iran</p> <p>Phone: (+98) 21 84977289</p> <p>Email: mh.bokaei@itrc.ac.ir</p> 
Educations	<ul style="list-style-type: none"> • B.S. degree in Computer Engineering (Software), International University of science and Technology, Tehran-Iran, 2008. • M.S. degree in Computer Engineering (Artificial Intelligence), Sharif University of Technology, Tehran-Iran, 2010, GPA: 17.64(/20), Thesis title: <i>Spoken language understanding in dialogue system.</i> • Ph.D. in Computer Engineering (Artificial Intelligence), Sharif University of Technology, Tehran, Iran, 2016. GPA: 18.24(/20), Thesis title: <i>Extractive Meeting Summarization through Discourse Analysis.</i> • Research scholar in Department of computer science, University of Texas at Dallas (supervisor: Yang Liu), Texas, USA, July 2014 – December 2014, working on <i>Meeting summarization algorithms.</i>
Research Interests	<ul style="list-style-type: none"> • Deep Learning • Machine Learning • Computational Linguistics & Speech Processing • (Digital) Signal Processing



Publications

Journals

1. **Bokaei M. H.**, Sameti, H., and Liu, Y., “*Linear discourse segmentation of multi-party meetings based on local and global information*”, IEEE/ACM transaction on Audio, Speech, and Language processing, 2015, DOI: 10.1109/TASLP.2015.2456430.
2. **Bokaei M. H.**, Sameti, H., and Liu, Y., “*Extractive summarization of multi-party meetings through discourse segmentation*”, Natural Language Engineering journal, Cambridge, 2016, DOI: 10.1017/S1351324914000199.
3. **Bokaei M. H.**, Sameti, H., and Liu, Y., “*Summarizing Meeting Transcripts Based on Functional Segmentation*”, IEEE/ACM transaction on Audio, Speech, and Language processing, 2016, DOI: 10.1109/TASLP.2016.2585859.
4. **Bokaei M. H.**, Mahmoudi M., Farhoodi M., Doostmohammadi E., “A Comparative Study of Deep Structures in Persian Named Entity Recognition Task”, Submitted to ACM Transaction on Asian and Low-Resource Language Information Processing (TALLIP) (Under Review)
5. **Bokaei M. H.**, Nassajian M., “Improving Named Entity Recognition for a Low Resource Language Through Multi-Task Learning”, Submitted to (Under Review)

Conferences

1. **Bokaei M. H.**, Sameti H., Bahrani M., Babaali B., "*Segmental HMM-based part-of-speech tagger*," International conference on audio language and image processing ICALIP2010, Shanghai, China, 2010.
2. **Bokaei M. H.**, Sameti H., Eghbal-zadeh H., BabaAli B., Hosseinzadeh K., Bahrani M., Veisi H., Sanian A., "*Niusha, the first Persian speech-enabled IVR platform*", International Symposium on Telecommunication (IST) 2010, Tehran, Iran, 2010
3. Jabbari F., Sameti H., and **Bokaei M. H.**, “*Persian language understanding using a two-step extended hidden vector state parser*”, In Proceedings of IEEE International Workshop on Machine Learning for Signal Processing(MLSP 2011), in press, Beijing, China, 2011.

	<ol style="list-style-type: none"> 4. Jabbari F., Sameti H., and Bokaei M. H., “<i>Unilateral semi-supervised learning of extended hidden vector state for persian language understanding</i>”, In Proceedings of 7th International Conference on Natural Language Processing and Knowledge Engineering (NLPKE'11), in press, Tokushima, Japan, 2011. 5. Aliannejadi M., Khadivi S, Shiry S, and Bokaei M. H., “<i>Discriminative spoken language understanding using statistical machine translation alignment Methods</i>”, In proceedings of Symposium on Artificial Intelligence and Signal Processing (AISP), Tehran, Iran, 2013. 6. Bokaei M. H., Sameti H., Liu Y., “<i>Unsupervised approach to extract summary keywords in meeting domain</i>”, In proceedings of European Signal Processing Conference (EUSIPCO), Nice, France, 2015. 7. Bokaei M. H., Sameti H., Liu Y., “<i>Extractive Meeting Summarization through speaker zone detection</i>”, In Proceedings of the Conference of the International Speech Communication Association (INTERSPEECH), Dresden, Germany, 2015. 8. Zahedi M. S., Bokaei M. H., Shoeleh F., Yadollahi M. M., Doostmohammadi E., Farhoodi M., “<i>Persian Word Embedding Evaluation Benchmarks</i>”, In Proceedings of the 26th International Conference on Electrical Engineering (ICEE), Tehran, Iran, 2018. 9. Bokaei M. H., Mahmoudi M., “<i>Improved Deep Persian Named Entity Recognition</i>”, In Proceedings of the 9th International symposium on Telecommunication (IST 2018), Tehran, Iran, 2018. 10. Doostmohammadi E., Bokaei M. H., Sameti H., “<i>Keyphrase Extraction from Persian News Articles</i>”, In Proceedings of the 9th International symposium on Telecommunication (IST 2018), Tehran, Iran, 2018. 11. Doostmohammadi E., Bokaei M. H., Sameti H., “<i>Persian Keyphrase Generation Using Sequence to Sequence Models</i>”, Accepted to be presented in the 27th International Conference on Electrical Engineering (ICEE), Yazd, Iran, 2018.
<p>Honors And Educational Activities</p>	<ul style="list-style-type: none"> • Ranked no. 11 in MS entrance exam of Iran 2008. • Senior teacher assistant of “Signal Processing” at Sharif University of Technology, fall 2009.



	<ul style="list-style-type: none"> • Ranked no. 2 in PhD entrance exam of Iran 2011. • Supervisor assistant of completed MS Thesis: Persian Statistical Natural Language Understanding based on partially annotated corpus (Fattaneh Jabbari, Sharif University of Technology, 2011). • Designer and a member of implementation group of Niusha Project (The first Persian speech enabled IVR platform) at ASR Gouyesh Pardaz Company. • Senior teacher assistant of Computational Intelligence at Sharif University of Technology, spring 2013. • Supervisor assistant of completed MS Thesis: Improving the training process of understanding unit in spoken dialog systems using active learning methods (Hossain Hadian, Sharif University of Technology, 2013). • Reviewer of Symposium on Artificial Intelligence and Signal Processing, 2013. • Senior teacher assistant of “Digital Signal Processing” at Sharif University of Technology, fall 2013. • Reviewer of Symposium on Computer Science and Software Engineering , 2013. • Senior teacher assistant of “Signal Processing” at Sharif University of Technology, spring 2014. • Senior teacher assistant of “Speech processing” at Sharif University of Technology, spring 2015. • Reviewer of 23rd Iranian Conference on Electrical Engineering, 2015.
<p>Teaching Experiences</p>	<ul style="list-style-type: none"> • Advanced Data Mining at Iranian University, Fall 2016. • Signal Processing at Iranian University, Spring 2017. • Artificial Intelligence at Tehran University, Spring 2017. • Artificial Intelligence at Sharif University of Technology, Fall 2017. • Advanced probabilistic models in computational linguistics at Sharif University of Technology, Fall 2017-Fall 2018. • Machine Learning at Sharif University of Technology (computational linguistic group), Spring 2018. • Statistical Natural Language Processing at Sharif University of Technology (computational linguistic group), Spring 2018, Spring 2019. • Knowledge Engineering and Ontology at Tehran University (Faculty of News Science and Technologies), Spring 2018. • Knowledge Engineering and Ontology at Sharif University



	<ul style="list-style-type: none"> (computational linguistic grou), Spring 2019. • Deep Learning at Shahid Beheshti University, Spring 2019.
Speech	<ul style="list-style-type: none"> • Lecturer of Autumn School of Deep Learning, September 2017, Iran Telecommunication Research Center • Lecturer of Deep Learning and Introduction to Tensorflow, November 2017, Iran Telecommunication Research Center
Working Experiences	<ul style="list-style-type: none"> • Rah -e- Amin educational complex (Shariati-Gholhak): IT Manager and advisor (2006-now). • ASR Gooyesh Pardaz: Researcher and Developer (2010-2012) • KavoshYaran Yadgiri Hooshmand Amin: CEO (2012-now) • KhabarOne (Smart News Aggregation Sysetm): Founder, Researcher, and Developer (2015-now) • Mehr-e-Hashtom educational complex (SaadatAbad): IT advisor (2016-2017) • ICT Research Institute: Faculty member (2016-now)
Software Skills	<ul style="list-style-type: none"> • Python (Professional) • Tensorflow (Professional) • MATLAB (Professional) • C# (Professional) • SQL (Professional) • Java (Professional) • C, C++ (Intermediate) • PHP (Intermediate)
Languages	<ul style="list-style-type: none"> • English (Professional) • Arabic (Intermediate)
Operating Systems	<ul style="list-style-type: none"> • Windows (Professional) • Linux (Professional)
Hobbies	<ul style="list-style-type: none"> • Reading • Biking • Mountain climbing • Swimming

