

Paria Jamshid Lou

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EDUCATION	Macquarie University <i>PhD, Computer Science</i> Advisor: Prof. Mark Johnson Thesis: <i>Disfluency Detection using Deep Neural Nets</i>	Sydney, Australia 2017-2020
	Macquarie University <i>Master of Research, Computer Science</i> Advisor: Prof. Mark Johnson Thesis: <i>Disfluency Detection using a Noisy Channel Model and Deep Neural Language Model</i>	Sydney, Australia 2016-2017
	Sharif University of Technology <i>Master of Science, Computational Linguistics</i> Thesis: <i>Automatic Labeling of Prosodic Events in Persian Unmarked Speech and Text Using Acoustic and Syntactic Model</i>	Tehran, Iran 2011-2013
RESEARCH INTERESTS	Natural Language Processing, Deep Learning, Disfluency Detection, Speech Recognition	
HONORS & AWARDS	<ul style="list-style-type: none">• Won the first place in Intelligence-led Policing Hackathon (Algorithmic Challenge), Macquarie University 2019• Awarded for the best demo in Intelligence-led Policing Hackathon, Macquarie University 2019• Nominated by Macquarie University for Google PhD Fellowship 2019• Awarded Macquarie University Postgraduate Research Fund (PGRF) 2019• Awarded Data61 CSIRO Top-up Scholarship 2018• Awarded for the Best Industry Poster at Macquarie University 2018• Awarded International Macquarie University Research Training Program (iMQ RTP) Scholarship for PhD studies 2017• Awarded for Excellent Research Progress by head of Computing Dept. at Macquarie University 2017• Graduated with High Distinction in MRes program at Macquarie University 2017• Awarded International Research Training Pathway (iRTP) Scholarship for MRes studies, Macquarie University 2016	

- PUBLICATIONS** [6] **Paria Jamshid Lou** and Mark Johnson. 2020. Improving Disfluency Detection by Self-Training a Self-Attentive Model. In *Proceedings of ACL*, pages 37543763, Online.
- [5] **Paria Jamshid Lou**, Yufei Wang and Mark Johnson. 2019. Neural Constituency Parsing of Speech Transcripts. In *Proceedings of NAACL*, pages 27562765, Minneapolis, USA.
- [4] Omid M. Nezami, **Paria Jamshid Lou**, Mansoureh Karami. 2019. ShEMO: A Large-scale Validated Database for Persian Speech Emotion Detection. *Journal of Language Resources and Evaluation*, 53(1): 1-16.
- [3] **Paria Jamshid Lou**, Peter Anderson and Mark Johnson. 2018. Disfluency Detection using Auto-Correlational Neural Networks. In *Proceedings of EMNLP*, pages 46104619, Brussels, Belgium.
- [2] **Paria Jamshid Lou** and Mark Johnson. 2017. Disfluency Detection using a Noisy Channel Model and a Deep Neural Language Model. In *Proceedings of ACL*, pages 547-553, Vancouver, Canada.
- [1] Omid M. Nezami, Anvar Bahrampour and **Paria Jamshid Lou**. 2013. Dynamic Diversity Enhancement in Particle Swarm Optimization (DDEPSO) Algorithm for Preventing from Premature Convergence. *Procedia Computer Science*, 24: 5465.

REFEREES

Prof. Mark Johnson, Macquarie University (mark.johnson@mq.edu.au)
A/Prof. Mark Dras, Macquarie University (mark.dras@mq.edu.au)
Dr. Sarvnaz Karimi, CSIRO's Data61 (sarvnaz.Karimi@data61.csiro.au)