Ali Janalizadeh Choobbasti

ali.janalizadeh@outlook.com https://ajanaliz.github.io/
Google Scholar ResearchGate GitHub LinkedIn

RESEARCH INTERESTS	
• Applied Reinforcement Learning	• Online Learning
• Applied Adversarial Learning	• Meta Learning
• Neural Machine Translation	• Representation Learning

EDUCATION

- **Amirkabir University of Technology (Tehran Polytechnics)** Sep 2014 – Jan 2019 (**Ranked 80** globally by subject of Engineering)
  - B.Sc. in Computer Engineering - Information Technology
    - (i) Cumulative GPA (via 131 passed units): 17.17/20 (top **18**% of class where top GPA is 18.46)
    - (ii) **Last years' GPA: 18.18/20**

RESEARCH EXPERIENCE

- **Research Assistantship in collaboration with the NLP group at the University of Copenhagen**
  Alongside Ana Valeria Gonzalez, and under supervision of Dr. Meriem Beloucif and Prof. Anders Søgaard Jul 2018 – Present

- **Research Assistantship in collaboration with the Centre for Vision, Speech and Signal Processing (CVSSP), University of Surrey**
  Under supervision of Dr. Saeid Safavi and Dr. Wenwu Wang Sep 2017 – Present

- **Part-time Data Scientist and Big Data R&D Engineer at Miras Technologies International** Jun 2017 – Sep 2018
  - Researched, developed and presented the proof of concept for Miras Technologies **dynamic pricing** solution. Solution white paper available here.
  - **Video Advertisement Recognition**
  - **Speaker Verification**
  - **Analysis of Sentiment & Summarization of Documents**
  - **Document de-duplication**
  - **Document Topic Extraction**
  - **Information Retrieval**: Wrote multiple **web-scrapers** for data gathering purposes

PUBLICATIONS

- **Predicting the Perceived Level of Reverberation using Features from Nonlinear Auditory Model**, Saeid Safavi, **Ali Janalizadeh Choobbasti**, Wenwu Wang, Mark Plumbley, George Fazekas, **The 23rd conference of the Open Innovations Association (FRUCT)** Oct 2018

- **JSpeech: A Multi-lingual Conversational Speech Corpus**, **Ali Janalizadeh Choobbasti**, Mohammad Erfan Gholamian, Amir Vaheb, Saeid Safavi, **Spoken Language Technologies (SLT)** Sep 2018

- **Investigating Language Variability on the Performance of Speaker Verification Systems**, Amir Vaheb, **Ali Janalizadeh Choobbasti**, S. H. E. Mortazavi Najafabadi, Saeid Safavi, **International Conference on Speech and Computer (SPECOM)** Jul 2018

- **MirasText An Automatically Generated Text Corpus for Persian**, Behnam Sabeti, Hossein Abedi Firouzjaee, **Ali Janalizadeh Choobbasti**, S. H. E. Mortazavi Najafabadi, Amir Vaheb, **Proceedings of the Eleventh International Conference on Language Resources and Evaluation (LREC)** May 2018

- **MirasVoice A bilingual (English-Persian) speech corpus**, Amir Vaheb, **Ali Janalizadeh Choobbasti**, S. H. E. Mortazavi Najafabadi, Saeid Safavi, Behnam Sabeti, **Proceedings of the Eleventh International Conference on Language Resources and Evaluation (LREC)** May 2018

- **Advertisement Recognition Using Mode Voting Acoustic Fingerprint**, Reza Fahmi, Hosein Abedi Firouzjaee, **Ali Janalizadeh Choobbasti**, S. H. E. Mortazavi Najafabadi, Saeid Safavi, **International Conference on Robotics and Machine Vision (ICRMV)**, vol. 10613, p. 106130D. International Society for Optics and Photonics   Dec 2017

PAPERS IN PREPERATION

- **MirasOpinion: The Largest Labeled Text Corpus for Sentiment Analysis**, Behnam Sabeti, **Ali Janalizadeh Choobbasti**, S. H. E. Mortazavi Najafabadi. Aug 2018 – Present

- **(Untitled)**, **Ali Janalizadeh Choobbasti**, Mohammad Erfan Gholamian, Meriem Beloucif, Ana Valeria Gonzalez, Anders Søgaard.
  Jun 2018 – Present

HONORS & AWARDS

- **Best Paper and Presentation Award**, International Conference on Robotics and Machine Vision (ICRMV).   2017

- **First place**, in predicting the national election of Iran using public tweets in Farsi.   2017

- **Finalist** in stock market prediction challenge, Problem.ir.   2017

- Ranked **29**th amongst the **200** teams participating in the task of revenue prediction in the International Data Mining Cup challenge of 2017 (DMC).   2017

- Ranked **340**th among over **220,000** participants in the National Entrance Exam among all Iranian Students in Math. & Physics.   2014

- Ranked **46**th among near **127,000** participants in the National Entrance Exam among all Iranian Students in Foreign languages (English).   2014

TEACHING ASSISTANTSHIPS

– **Fundamentals of Data Mining** Dr. Ehsan Nazerfard	Feb 2017 – Jul 2017	
– **Advanced Computer Programming** Dr. Seyed Majid Noorhosseini	Feb 2017 – Jul 2017	
– **Computer Architecture** Dr. Saeid Shiri Ghidary	Feb 2017 – Jul 2017	
– **Technical English** Dr. Saeedeh Momtazi	Feb 2017 – Jul 2017	
– **System Analysis and Design** Mr. Bahman Pourvatan	Feb 2016 – Jul 2016	
– **Principals of Programming** Dr. Saeid Shiri Ghidary	Feb 2016 – Jul 2016	
– **Data Structures & Algorithms** Dr. Mehdi Dehghan Takht Fooladi	Feb 2016 – Jul 2016	
– **Advanced Computer Programming** Mr. Bahman Pourvatan	Feb 2016 – Jul 2016	
– **Principals of Programming** Mr. Bahman Pourvatan	Feb 2015 – Jul 2015	

TECHNICAL SKILLS

- **Programming Languages:** Python (Proficient), Java (Expert), C++ (Proficient), Scala (Familiar), MATLAB (Familiar)

- **Frameworks and Tools:** Tensorflow, PyTorch, Numpy, Pandas, Theano, Keras, Scrapy, NLTK, Scipy, OpenCV, Akka, Docker

- **Database Systems:** Elasticsearch, MySQL

REFERENCES

Dr. **Saeid Safavi**
Research Fellow
Centre for Vision, Speech, and Signal Processing
University of Surrey
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Dr. **Seyed Hani Elamahdi Mortazavi Najafabadi**
Director of Research and commercialization
Miras Technologies
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Dr. **Meriem Beloucif**
Postdoctoral researcher
Natural Language Processing Group
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Dr. **Saeed Shiry Ghidary**
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