

Mohammadjalal Pouromid

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Education

- 2018–2021 **M.Sc. in Computer Science (Soft computing and artificial intelligence)**,
Allameh Tabataba'i University, Tehran, Iran, **GPA**: 19.23/20.
- 2011–2017 **B.Sc. in Mathematics**, *University of Tehran*, Tehran, Iran.

Honors and Awards

- Spring 2021 Placed 1st in the 'First Event on Play with Real Data competition'.
- 2020 Ranked 1st among computer science students in Master's degree, based on GPA.

Research Interests

Reinforcement Learning
Computer Vision
Biomedical Signal Processing
Natural Language Processing

Master Thesis

- 2020–2021 ***Motor Imagery EEG Classification Using Deep Recurrent Networks (In Persian)***
Supervisor: Prof. Mohammadreza Asghari Oskoei, Allameh Tabataba'i University
Subject: A comparison between different methods of deep recurrent neural networks for classifying four motor imagery movements; the imagination of the movements of tongue, both hands and feet upon BCI IV2a competition dataset.

Presentations

- Spring 2021 Presentaion at *26th International Computer Conference, Computer Society of Iran*, Tehran, Iran.
- Spring 2021 Presentaion at *First Event on Play with Real Data competition, Bu-Ali Sina University, Scientific Data Analysis Team, International Statistical Institute (ISI), The International Society for Business and Industrial Statistics*.
- Winter 2020 Advanced methods of financial data analysis with emphasis on machine learning workshop, *Allameh Tabataba'i University*, Tehran, Iran.
- Fall 2019 Presentation in The 1st Conference of Artificial Intelligence and Soft Computing in Humanities (AISCH), *Allameh Tabataba'i University*, Tehran, Iran.

Publications

- Spring 2021 Mohammadjalal Pouromid, Arman Yekkehkhani, Mohammadreza Asghari Oskoei, Amin Aminimehr, *ParsBERT Post-Training for Sentiment Analysis of Tweets Concerning Stock Market*, 26th International Computer Conference, Computer Society of Iran.
- Spring 2021 Amin Aminimehr, Amirhossein Aminimehr, Mohammadjalal Pouromid, Arman Yekkehkhani, *A Time Step Cascade CNN-LSTM neural network for predicting adjusted close price of 5 largest firms in Tehran stock exchange*, 3rd International Conference on Interdisciplinary Studies in Management & Engineering(ICISME), <https://civilica.com/doc/1178787/>.
- Spring 2021 Arman Yekkehkhani, Fatemeh Ahmadi Harchegani, Mostafa Shiri, Mohammadjalal Pouromid, *Deep Learning for Diagnosis of Dementia via MRI Images*, 'First Event on Play with Real Data' competition.
- Summer 2019 Mohammadjalal Pouromid, Mohammadreza Asghari Oskoei, *Application of Bag of Word and Neural Network in Twitter Sentiment Analysis with Respect to 'JCPOA' Keyword (in Persian)*, Conference of Artificial Intelligence and Soft Computing in Humanities (AISCH).

Academic Activities

- Spring 2021 **Organized First Machine Learning Competition in the CS department**, Allameh Tabataba'i University, Tehran, Iran.
- Fall 2019 **Organized the Artificial Intelligence and Soft Computing in Humanities Conference (AISCH)**, *Application of AI in human sciences*, Allameh Tabataba'i University, Tehran, Iran.
- Fall 2019 **Attended the Deep Learning Summer School**, Kharazmi University, Tehran, Iran.
- Winter 2018 **Attended the Winter Seminar Series**, *Advanced Topics in Computer Science and Engineering*, Sharif University of Technology, Tehran, Iran.
- Summer 2017 **Participated and Completed the "Python Software" Course**, *Engineering Skills Development Center (ESDC)*, School of Mechanical Engineering, University of Tehran, Tehran, Iran.

Teaching Experiences

- Spring 2020 **T.A. of Selected Topics in Artificial Intelligence**, *Instructor: Prof. Mohammadreza Asghari Oskoei*.
- Spring 2020 **T.A. of Machine Learning**, *Instructor: Prof. Mohammadreza Asghari Oskoei*.
- Fall 2019 **T.A. of Advanced Artificial Intelligence**, *Instructor: Prof. Mohammadreza Asghari Oskoei*.

Work Experiences

2020–2021 **Artificial Intelligence Specialist**, *Mofid Securities*.

- Developed a recommender system which predicts the future trend of The Urea's weekly price
- Create determinative AI-dashboards for the company departments

2016–2017 **Front-End Developer**, *Dmond Accelerator- Modopia Start-up*.

- Developing User Interface for Modopia's website with React.js framework

Computer Skills

Programming Languages.

- Python
Numpy, Pandas, Matplotlib, Tensorflow, Keras, Pytorch, Sklearn, OpenCV
- Java Script
React
- HTML & CSS

DataBase Management.

MySQL, PostgreSQL

Project-Control.

Git

Languages

Persian Native

English Fluent