

## CONTACT INFORMATION

Dept. Computer Engineering  
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## RESEARCH INTEREST

- Machine Learning
- Data Mining
- Marketing
- Natural Language Processing

## EDUCATION

**Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran**

- **B.Sc. Computer Engineering** Sep 2016 - Feb 2021
  - GPA:  $15.67/20 \simeq 3.20/4$  - 141/141 credits
  - **GPA over the past two years:  $16.83/20 \simeq 3.59/4$**

## PUBLICATIONS

- **Ghasemi, R.**, Ashrafi Asli, S. A. and Momtazi, S., (2020). Deep Persian sentiment analysis: Cross-lingual training for low-resource languages, *Journal of Information Science*. doi: [10.1177/0165551520962781](https://doi.org/10.1177/0165551520962781).
- **Ghasemi, R.** and Momtazi, S., (2021). How Deep Contextualized Representation and Attention Mechanism Justifies Explainable Cross-lingual Sentiment Analysis (submitted)
- Asgarian, S., **Ghasemi, R.** and Momtazi, S., (2021). Generative Adversarial Network for Sentiment-based Stock Prediction (submitted)

## INTERNSHIP

**Kharazmi IT Development Company, Tehran, Iran**

- Internship in Business Intelligence (Jul 2019 - Sep 2019)

## TECHNICAL SKILLS

- **Programming Languages:** Java, C/C++, Python
- **Familiar:** Matlab, VHDL, Verilog, Assembly, Shell Script
- **Editing:** Adobe Photoshop, Adobe Lightroom
- **Other:** Metatrader4, Google AdWords, Google AdSense, Orcad Pspice, Atmel Studio, Lingo
- **OS:** Windows, Linux (Debian-based)
- **Typesetting:** L<sup>A</sup>T<sub>E</sub>X, Microsoft Word
- **Web:** Java Script, PHP, Bootstrap, XML
- **DB:** Familiar with: MySQL, MongoDB.
- **DM:** Scikit-Learn, Pandas, Matplotlib, Numpy

## SELECTED RELEVANT EDUCATION AND COURSE WORK

- **Machine Learning (MSc):** 17.5/20
- **Computational Intelligence:** 16/20
- **Data Struct. & Algo.:** 16.5/20
- **Principles of Comp. & Prog.:** 18.5/20
- **Software Engineering II:** 19/20
- **Information Security:** PASS\*
- **Introduction to Bioinformatic:** PASS\*
- **Principles of Compiler Design:** PASS\*
- **Principles of Managemet:** 20/20
- **Linear Optimization:** 17/20
- **Computer Networks:** 17/20
- **Design of Algorithms:** 17/20
- **Operating Systems:** 17.5/20
- **Information Retrieval:** PASS\*
- **Startup Development:** PASS\*
- **Data Mining:** PASS\*
- \* COVID-19 Semester(Grades were binary due to COVID-19)

## ABROAD TEACHING ASSISTANT

**Staffordshire University, Staffordshire, United Kingdom – Unofficial Teaching Assistant**

- **A.I. For Computer Games** Instructor: [Dr. Saeed Shiry Ghidary](#) (Fall 2020)  
This course introduces fundamental concepts within the field of AI by exploring the main areas and issues. I am responsible for preparing assignments.

TEACHING  
EXPERIENCE

**Amirkabir University of Technology, Tehran, Iran** – Teaching Assistant

- **Data Mining** Instructor: [Dr. Ehsan Nazerfard](#) (Spring 2021)
- **Principles of Compiler Design** Instructor: [Dr. Mohammadreza Razzazi](#) (Fall 2020)
- **Computer Architecture** Instructor: [Dr. Hamed Farbeh](#) (Spring 2020)
- **Data Struct. & Algo.** Instructor: [Dr. Mohammad Akbari](#) (Spring 2019 & Fall 2019)
- **Principles of Computer & Prog.** Instructor: [Dr. Saeed Shiry Ghidary](#) (Fall 2018 & Spring 2019)

PRESENTATION

- Undergraduate Talk 2018, entitled "Principal Component Analysis (PCA)" (Fall 2018)
- Undergraduate Talk 2018, entitled "Predict web service behavior based on HMM" (Fall 2018)

HONORS AND  
AWARDS

- **Bootstrap Lean Startup(BLS)**  
Ranked in the top %2 out of 3000 applicants of Bootstrap Lean Startup training program at Sharif University of Technology (Oct 2016 - Jun 2017)

EXTRA-CURRICULAR  
ACTIVITIES

- **Member of Student Guild Council** (May 2018 - Jun 2019)  
Member of Student Guild Council of Computer Engineering Faculty
- **Member of Organization Committee** (Dec 2019 & Mar 2019)  
4th & 5th [Amirkabir International Artificial Intelligence Contests](#)

LANGUAGE  
PROFICIENCY &  
TEST SCORES

- **Persian** (Native)
- **English** (Fluent)
  - TOEFL (iBT) : R<sup>20</sup>, L<sup>22</sup>, S<sup>21</sup>, R<sup>22</sup>, Total Score :85
  - GRE (General) : Will Be Taken On May 10<sup>th</sup>

REFERENCES

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