Rouzbeh Ghasemi

CONTACT INFORMATION

5740, Cavendish Boulevard
Côte Saint-Luc, QC
H4W 2T8

Email: rouzbeh.ghasemi@umontreal.ca
Gmail: rouzbehghasemi1998@gmail.com
Projects: Github.com/RouzbehGh
Google scholar: Rouzbeh Ghasemi
Homepage: Rouzbehgh.ir
Cell Phone :(514) 560 3090

RESEARCH INTEREST

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

EDUCATION

Université de Montréal, Montréal, Québec

- Le programme d'études Francisation (Feb 2023 - Jan 2024)

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 last two years: $16.83/20 \simeq 3.59/4$**

PUBLICATIONS

- **Ghasemi, R.**, Ashrafi Asli, S. A. and Momtazi, S. (2022). Deep Persian sentiment analysis: Cross-lingual training for low-resource languages, Journal of Information Science. doi: 10.1177/0165551520962781.
- Asgarian, S., **Ghasemi, R.** and Momtazi, S. (2022). Generative adversarial network for sentiment-based stock prediction, Congratulations to Concurrency and Computation: Practice and Experience. doi.org/10.1002/cpe.7467
- **Ghasemi, R.** and Momtazi, S. (2023). How Deep Contextualized Representation and Attention Mechanism Justifies Explainable Cross-lingual Sentiment Analysis (submitted)
- **Ghasemi, R.**, Goharfar, A. and Momtazi, S. (2023). What customers value most: A cross-cultural analysis using hotel reviewers' perspective (submitted)
- **Ghasemi, R.**, Asgarian, S. and Momtazi, S. (2023). Review-based recommender systems: state of the art, challenges, and future directions (Preparation)

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
- **OS:** Windows, Linux (Debian-based)
- **Typesetting:** LaTeX, Microsoft Word
- **Web:** Java Script, PHP, Bootstrap, XML
- **DB:** Familiar with: MySQL, MongoDB.
- **DM:** Scikit-Learn, Pandas, Matplotlib, Numpy
- **Other:** Metatrader4, Google AdWords, Google AdSense, Orcad Pspice, Atmel Studio, Lingo

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 was 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)

WORK EXPERIENCE **IO Solutions**, **Montréal, Canada**

- Sales representative (Oct 2022 - Feb 2023)

  - Convincing customers to return to Fido/Rogers (mobile network operators) by contacting them in the Winback department.

  - Ensuring customer satisfaction and meeting the company's quality standards.

  - Acknowledging and resolving customer complaints.

  - Ability to communicate strongly with customers, especially the elderly and those who need to devote more time to them.

  - Trying to compensate for customers' dissatisfaction who have decided to leave the operator for various reasons.

EXTRA-CURRICULAR ACTIVITIES

- **Vice President of Sales and Marketing** (Jan 2018 - Jun 2021)
Member of Computer Engineering Student Club
- **Member of Organization Committee** (Mar 2019 & Dec 2019)
4th and 5th of the Amirkabir International Artificial Intelligence Contests

LANGUAGE PROFICIENCY & TEST SCORES

- **Persian** (Native)
- **French** (Intermédiaire)
- **English** (Full professional proficiency)

  - TOEFL (iBT): The exam is scheduled for September 4th, 2023.[1]

REFRENCES

- **Saeedeh Momtazi, Assistant Professor**
Computer Eng. Dept, Amirkabir University of Technology (Tehran Polytechnic)
Email: momtazi@aut.ac.ir
- **Saeed Shiry Ghidary, Assistant Professor**
Mathematics and Computer Science, Amirkabir University of Technology (Tehran Polytechnic)
Email: shiry@aut.ac.ir
- **Mohammad Akbari, Assistant Professor**
Mathematics and Computer Science, Amirkabir University of Technology (Tehran Polytechnic)
Email: akbari@aut.ac.ir

---

[1]The previous result has been expired.