

SUMMARY

Being a dedicated student of Computer Science with a passion for Deep Learning, I've actively engaged in research projects, teaching roles, and extracurricular activities to foster a versatile skill set. Beyond academic expertise, I've developed soft skills, such as project management, collaborative teamwork, and effective communication.

EDUCATION

- University of Tehran** Tehran, Iran
 - Bachelor of Computer Science Sep 2019 - Present
 - GPA: 18.28/20 (Overall: 3.84, Last two years: 4/4)
 - Minor in Entrepreneurship
 - GPA 19.39/20 (Overall: 4/4)

PUBLICATIONS

- Mohseni, Pouya**, Hedieh Sajedi, and Khalid Hussain. "Gift Recommendation Systems: A Review.", Electronic Commerce Research. [Accepted for Publication]

RESEARCH EXPERIENCE

- University of Tehran** Tehran, Iran
 - Supervised by Dr. Bagher BabaAli Oct 2023 - Present
 - Languages & Softwares:** Python, Toarch, L^AT_EX, Git
 - Work Results:** Conducted research on self-supervised methods utilized in speech and music processing. Progressing towards pretraining a model on Eastern music and developing a music information retrieval on downstream tasks.
- University of Tehran** Tehran, Iran
 - Research Assistant – Supervised by Dr. Hedieh Sajedi Dec 2022 - Aug 2023
 - Languages & Softwares:** Python, L^AT_EX, Git
 - Work Results:** Conducted research on recommendation systems with a specific focus on e-commerce. Authored a review paper on gift recommendation systems. Additionally, introduced a novel recommendation system leveraging Twitter's user data to emphasize personality traits.
- The PDAT laboratory at Toosi University of Technology** Tehran, Iran
 - Part-time Researcher Aug 2022 - Dec 2022
 - Languages & Softwares:** Python, Django, Docker, L^AT_EX, Git
 - Work Results:** Engaged in research in the intersection of quantum computing and machine learning algorithms. Developed and implemented a quantum neural network algorithm to be trained on astronomical data.

TEACHING EXPERIENCE

- University of Tehran** Tehran, Iran
 - Teaching Assistant, Advanced Information Retrieval Sep 2023 - Present
- University of Tehran** Tehran, Iran
 - Teaching Assistant, Discrete Mathematics Dec 2022 - Jun 2023

WORK EXPERIENCE

- Borhan Credit Rating** Tehran, Iran
 - Part-time Junior Data Analyst Mar 2021 - Dec 2022
 - Learned Software & Frameworks:** Python, Pandas, Flask, Docker, Excel, Git, REST API
 - Work Results:** Developed a program that rates investment funds according to the company's methodology, eliminating the requirement for two specialized personnel.

SKILLS

- Programming Languages:** Python, C++, Assembly, R
- Frameworks & Tools:** Scikit-learn, Keras\TensorFlow, Pandas, Git, Flask
- Typescript Languages:** L^AT_EX, HTML

LANGUAGES

- Farsi: Native Speaker
- English (TOEFL): **109** (R: 30, L: 30, S: 25, W: 24) - Test Date: October 14, 2023