



Parsa Salehipour

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Birth 13 September 1999 - Birjand, Iran

Education

2017–2022 **B.Sc. in Computer Engineering**, *Department of Computer Engineering*, Ferdowsi University of Mashhad, Iran

- Total GPA: 16.89/20 (3.42/4)
- Last 59 credits GPA: 18.70/20 (3.9/4)

Languages

- English: **IELTS overall band score: 7.5** → L(8.5), R(7), W(6.5), S(7)
- Persian: Mother tongue

Programming and Computer Skills

Python	Advanced, 2018 - Present	Django	Intermediate, 2020 - Present
Java	Advanced, 2017 - Present	C	Basic, 2017
Javascript	Intermediate, 2019 - Present	Tensorflow	Basic, 2020 - Present
Android	Basic, 2018 - 2019	Sklearn	Basic, 2020 - Present

+ Familiar with: \LaTeX , Git, Docker, OpenStack, Linux commandline, Markup Languages

Teaching Experiences

2021–2022 **Object-Oriented Design of Systems**, *Teacher Assistant*, Department of Computer Engineering
Supervised by Dr. Abbas Rasoolzadegan

2022 **Fundamentals of Cloud Computing**, *Teacher Assistant*, Department of Computer Engineering
Supervised by: Dr. Shaghayegh Izadpanah

Work Experiences

Summer 2021 **Internship**, *Part Software Group*, Web Developer, Company size 200+

2020–Present **Freelance Programmer**, *Remote Web Developer in a Team of 2 Members*

Contests

January 2020 **Sharif AI challenge 2020**, *Reached top 8 teams in the final match*, Fifth place in friendly matches

2017 **FUM gamejam**

Related Courses

- Fundamentals of Computer Programming : 19.4/20
- Design of Algorithms: 17.9/20
- Advanced Computer Programming: 14/20
- Object-Oriented Design of Systems: 18.75/20
- Cloud Computing: 20/20
- Web Programming: 19.25/20
- Software Testing: 18.73/20

Selected Projects

- 2022 **Degree project: Measuring hand anthropometric features using its 3D mesh model (ongoing)**, Dr. Hamidreza Pourreza, written with Python
- 2021 **Implementation of a website which allows users to create, store and visualize a family tree.**, Dr. Hamidreza Pourreza, written with Django, Python
- 2022 **Implementation and deployment of a user-management website (front-end and back-end) and API wrapper for Persian text-to-speech and speech-to-text services.** , Employer: Part Software Group, Technologies: Python, Django, Nuxt.js and Docker — Currently in production
- 2019 **Implementation of uninformed search algorithms (BFS , DFS ,BDS, IDASTAR, Astar) on n-puzzle game**, Course: Fundamentals of Artificial Intelligence, Dr. Saeid Abrishami, written with C++
- 2021 **Implementation of crawling program that extracts and analyzes data from digikala.com (Iranian marketplace) based on selenium web driver as a software testing practice**, Course: Software Testing, Dr. Samad Paydar, written with Python
- 2021 **Implementaion of a recommendation system on a book dataset using pearson, cosine similarity and collaborative-filtering algorithms.** , Course: Information Retrieval, Dr. Mohsen Kahani, written with Python
- 2021 **Fine-tuning NASnet image classification model for a small 500 image (19 categories) dataset. Then, trying to find optimize autoencoder to recreate the image using genetic algorithm** , Course: Fundamentals of Computational Intelligence, Dr. Ehsan Fazl-ersi, written with Python, Tensorflow
- 2021 **Implementing programming language parsing grammars and programs based on ANTLR**, Courses: Compilers, The Theory of Formal Languages and Automata, Dr. Haleh Amintoosi, written with Antlr

References

Prof. Hamidreza Pourreza

Email: hpourreza@um.ac.ir

Dr. Abbas Rasoolzadegan

Email: rasoolzadegan@um.ac.ir