



# 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	C	Basic, 2017
Java	Intermediate, 2017 - Present	Vue.js	Basic, 2021
Javascript	Intermediate, 2019 - Present	Kubernetes	Basic, 2022 - Present
Django	Intermediate, 2020 - Present	Docker	Intermediate, 2021 - Present

+ Familiar with: Git, OpenStack, Linux commandline, Markup Languages

## Teaching Experiences

2021–2022 **Object-Oriented Design of Systems**, *Teacher Assistant, Delivered lectures, Graded 250+ student papers*, Department of Computer Engineering  
Supervised by Dr. Abbas Rasoolzadegan

2022 **Fundamentals of Cloud Computing**, *Teacher Assistant, Delivered lectures*, 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, 5+ commercial projects*

## 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
- Object-Oriented Design of Systems: 18.75/20
- Cloud Computing: 20/20
- Web Programming: 19.25/20
- Software Testing: 18.73/20

## Selected Projects

- 2021 **Implementation of a website which allows users to create, store and visualize a family tree.**, Prof. Hamidreza Pourreza, written with Django, Python
- 2022 **Implementation and deployment of a user and payment management website (front-end and back-end) for Persian text-to-speech and speech-to-text services.** , Employer: Part Software Group, Technologies: Python, Django, Nuxt.js and Docker, Currently in production
- 2022 **Server-side implementation of a microservice application that uses JWT as its stateless authentication system.**, Course: Fundamentals of Cloud Computing, Technologies: Python, Django and Docker
- summer 2019 **Implementaion of an android countdown timer wallapaper and widget.**, Published on Iranian appstore CafeBazaar with 500+ installs, written with Java
- 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 **Fine-tuning NASnet image classification model for a small set of 500 image (19 categories) dataset. Then, trying to optimize parameters of an autoencoder to generate new images using genetic algorithm.**, Course: Fundamentals of Computational Intelligence, Dr. Ehsan Fazl-ersi, written with Python, Tensorflow
- 2019 **Implementation of uninformed search algorithms (BFS , DFS ,BDS,), and informed ( IDASTAR, Astar) with database pattern, and manhattan distance+linear conflicts on n-puzzle game.**, Course: Fundamentals of Artificial Intelligence, Dr. Saeid Abrishami, written with C++
- 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, Java

## References

**Prof. Hamidreza Pourreza**

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**Dr. Abbas Rasoolzadegan**

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**Dr. Haleh Amintoosi**

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