

Hamid Haghdooost

MASTER OF COMPUTER SCIENCE (INTELLIGENT SYSTEMS)

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Education

Institute for Advanced Studies in Basic Science (IASBS)

Zanjan, Iran

M.Sc. OF COMPUTER SCIENCE

October 2018 - September 2020

- **Major:** Intelligent Systems
- **Thesis:** Supervised Morphological Segmentation and Derivational Networks for Persian
- **Supervisor:** Dr. Ebrahim Ansari
- **GPA:** 17.21 / 20
- **Selected courses:** Machine Learning (18.5 / 20), Data Mining (16 / 20), Information Retrieval (19 / 20), Parallel Programming (19 / 20)

Damghan University

Semnan, Iran

B.Sc. OF COMPUTER SCIENCE

October 2012 - June 2016

- **GPA:** 15.05 / 20
- **Selected courses:** Basic Programming (17 / 20), Data Structures and Algorithms (19.5 / 20), and Advanced Programming (15 / 20)

Academic experience

Teacher assistant

Zanjan, Iran

INSTITUTE FOR ADVANCED STUDIES IN BASIC SCIENCES

2018 - 2020

- **Introduction to Artificial Intelligence**, Dr. Parvin Razzaghi and Dr. Mohsen Afsharchi (Fall, 2019)
- **Information Retrieval**, Dr. Ebrahim Ansari (Spring, 2020)
- **Natural Language Processing**, Dr. Ebrahim Ansari (Spring, 2020)
- **Text and Web Mining**, Dr. Ebrahim Ansari and Dr. Mahdi Bohlouli (Fall, 2020)

Member of Artificial Intelligence Laboratory

Zanjan, Iran

INSTITUTE FOR ADVANCED STUDIES IN BASIC SCIENCES

2018 - 2020

- We worked on a Sentiment Analysis task and then on a Morphological Segmentation task in some small groups.

Head of Computer Science Scientific Association

Semnan, Iran

DAMGHAN UNIVERSITY

2014 - 2016

- I was the head of Computer Science Scientific Association for two years from 2014 to 2016.

Publication

Papers

IASBS

2019 - 2020

- Haghdooost, Hamid, et al. "Morphological Networks for Persian and Turkish: What Can Be Induced from Morpheme Segmentation?." The Prague Bulletin of Mathematical Linguistics 115 (2020): 105-127.
- Haghdooost, Hamid, et al. "Building a morphological network for persian on top of a morpheme-segmented lexicon." Proceedings of the Second International Workshop on Resources and Tools for Derivational Morphology. 2019.
- Ansari, Ebrahim, et al. "Supervised Morphological Segmentation Using Rich Annotated Lexicon." Proceedings of the International Conference on Recent Advances in Natural Language Processing (RANLP 2019). 2019.

Dataset

Iran

PERSIAN MORPHOLOGICALLY SEGMENTED LEXICON

2019

- This dataset includes 45,300 Persian word forms which are manually segmented into sequences of morphemes.

Skills

Programming

Python, PHP (Laravel), JavaScript (Angular), C/C++, SQL (MySQL), MongoDB, Parallel Programming.

Data Science

Tensorflow, Keras, Pandas, Web scrapping with Python, Experience on working with API of Services like Twitter, Binance, and IMDB. Ability and real word experience on queue and task scheduling on Python and PHP

Languages

English (Advanced), Persian (Native), Azeri (Mother Tongue)

Others

Linux (Ubuntu, CentOS), Git, Latex

Work experience

Private programming tutor

AS FREELANCER AND REMOTELY

All around the world

2019 - Now

- I have a strong knowledge and expertise of programming languages and I have had more than 10 student which I taught them privately.

Back-end developer (Industrial)

VIRA ([HTTP://VIRA.CO.IR](http://vira.co.ir))

Tehran, Iran

2016 - 2018

- I worked as a member of the Vira company and I did web development tasks in the back-end side. I was an active member of projects from idea to deploy.

Web development (Industrial)

AS FREELANCER

Iran

2013 - 2021

- As a freelance web developer I have worked on more than 10 real word projects which are working today.

Conferences and workshops

Contemporary Issues in Data Science (CIDaS 2019)

INTERNATIONAL CONFERENCE

IASBS, Zanjan, Iran

March 5-8, 2019

- The conference included lectures by eminent scholars, presenting a variety of relevant papers, and practical workshops.

Introduction to Data Science in R

WORKSHOP

IASBS's Science and Technology

Park, Zanjan, Iran

March 9th, 2019

- Tutored by Dr. Mohammad Shokouhi-Yekta, Apple Inc. Stanford University.

Deep Learning by Tensorflow

WORKSHOP

IASBS, Zanjan, Iran

March 5-6, 2019

- Deep Learning by Tensorflow, taught by Dr. Parvin Razzaghi, IASBS.

Honors & awards

ACKNOWLEDGED STAFF MEMBER

Contemporary Issues in Data Science (CIDaS 2019),

- 2019 Acknowledged as a staff member of the Conference with effective contribution, dedication and commitment during the conference.

Zanjan, Iran

GRANT RECEIVED

- 2019 **10,000,000 IRR from Vice President on Administration, Finance, Education and Research of IASBS,**
Purpose: Collection and Creating Derivational Networks for Persian on about 10,000 word forms.

Zanjan, Iran

Interests

Research interests: Deep learning, Speech recognition, Language models, Information retrieval.

Hobbies: running, cooking, blogging, listening podcasts...

References

Dr. Ebrahim Ansari

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Zanjan, Iran

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Dr. Parvin Razzaghi

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