Mohammadmahdi Abdollahpour

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LinkedIn
DOB: Jul 24, 1998

Research Interests

- Natural Language Processing
- Artificial Intelligence
- Machine Learning
- Deep Learning

Education

2016–present **Amirkabir University of Technology, Tehran**, *Ranked 100 in the world by subject of Engineering*, Bachelor of Computer Engineering, *GPA: 19.46/20* .
for 89 units until now

2012–2016 **Diploma in Physics and Mathematics Discipline**, .

Skills & Abilities

Programming Languages — Python, JAVA,MATLAB

Frameworks and Tools — Tensorflow, Numpy, Pandas, Lucene, NLTK,Sci-Kit,Gensim

Databases — MySQL

Operating Systems — Windows,Ubuntu

Research and Work Experiences

Jun 2018 – Dec 2018 **Research and Development Intern in Developing Persian Question Answering System** , at Diaalog, Diaalog Page.

Teaching Assistantships

Feb 2019 – Present **Artificial Intelligence and Applications**, *under supervision of* Dr.Nickabadi, AmirKabir University of Technology.

Sep 2018 – Jab 2018 **Linear Algebra**, *under supervision of* Dr.Nazerfard, *Amirkabir University of Technology.*

Sep 2018 – Present **Advanced Programing**, *under supervision of* Dr.Kalbasi, *Amirkabir University of Technology.*

Sep 2018 – Present **Principles of Computer and Programming**, *under supervision of* Dr.Nazerfard, *Amirkabir University of Technology.*

Feb 2018 – Jun 2018 **Advanced Programing**, *under supervision of* Dr.Noorhoseini, *Amirkabir University of Technology.*

Honors

Oct 2018 **Honored as the Outstanding Student and Achieved 1st place among 2016-beginner under-graduate students in Computer Engineering major** , Amirkabir University of Technology, Tehran, Iran.

Mar 2018 **Qualified for on-site contest of Sharif AI Challenge 2018**, Amirkabir University of Technology, Tehran, Iran.

Oct 2017 **Honored as the Outstanding Student and Achieved 1st place among 2016-beginner under-graduate students in Computer Engineering major** , Amirkabir University of Technology, Tehran, Iran.

Aug 2016 **Achieved top 0.4% place among all applicants for the University Entrance Nationwide Exam**, Iran, Approximately 170000 applicants in Math. and Eng.

2015 **Qualified for second round of Iranian Mathematical Olympiad** , Iran.

2014 **Qualified for second round of Iranian Mathematical Olympiad** , Iran.

Notable Projects

Neural Dialogue System, Dialog Company, Using Encoder-Decoder Architecture and LSTM units.
Repo-link

QA by Clustering Methods , AmirKabir University of Technology, Using clustering methods to develope a QA system.
Repo-link

Detecting community structure , AmirKabir University of Technology, Using label propagation and weighted coherent neighborhood propinquity.
Repo-Link

Defining and identifying Communities in Networks, AmirKabir University of Technology, A divisive algorithm that requires the consideration of local quantities for identifying Communities, Data Structures course project.
Repo-Link

Cache Controller and Basic Computer, AmirKabir University of Technology, Computer architecture Course project.
Repo-link

Online Courses

- Machine Learning(on Coursera)

- CS224n: Natural Language Processing with Deep Learning

- Algorithm Design and Analysis 1

- Algorithm Design and Analysis 2

- Stochastic Processes(on Coursera)

Languages

Persian **Native Speaker**

English **Proficient**

References

Dr.Nazerfard   *nazerfard@aut.ac.ir*