

Mohammad Mahdi Heydari | Curriculum Vitae

Amirkabir University of Technology – Tehran, Iran

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RESEARCH INTERESTS

- Machine Learning
- Image Processing
- Deep Learning
- Neuroscience

EDUCATION

Amirkabir University of Technology (Tehran Polytechnic)

Bachelor of Science, GPA – 3.86/4, AVG – 18.37/20 via 145 credits

Department of Electrical and Computer Engineering

- Major: Artificial Intelligence
- Minor: Software Engineering, Electronics

Tehran, Iran

2015–2020

Alborz High School

Diploma of Mathematics and Physics, GPA – 4/4, AVG – 19.32/20

Tehran, Iran

2011–2015

SELECTED COURSES

- Data Mining: 20/20
- Linear Algebra: 20/20
- Formal Languages and Automata: 20/20
- Algorithm Design: 20/20
- Advanced Programming: 20/20
- Numerical Analysis: 20/20

EXPERIENCE

VOCATIONAL.....

ARSH Co.

Summer Intern, Iran

Tehran

Summer 2018

This Internship program focused on several topics including:

- Data Mining
- Web Development
- Agile Software Development
- Social Media Analysis
- UX

ACADEMIC.....

Amirkabir University of Technology (Tehran Polytechnic)

Data Mining Teaching Assistant

Under the Supervision of Dr.Nazerfard

Fall 2019

Amirkabir University of Technology (Tehran Polytechnic)*Data Structures Teaching Assistant**Fall 2019*

Under the Supervision of Dr.Bagheri

Amirkabir University of Technology (Tehran Polytechnic)*Advanced Programming Teaching Assistant**Spring 2019*

Under the Supervision of Dr.Jahanshahi

Amirkabir University of Technology (Tehran Polytechnic)*Logic Circuits Lab Teaching Assistant**Spring 2018*

Under the Supervision of Mr.Keshavarzian

PRESENTATION.....**Spring 2019:** COMPUTER VISION WITH CNN, Related to Data Mining Course.**Spring 2019:** OPTIMAL BINARY DECISION TREES, Related to Advanced Algorithm Design Course.**Spring 2019:** BACK-END PROGRAMMING WITH DJANGO, Related to Advanced Programming Course.**LANGUAGES**

Farsi: Mothertongue**English:** Fluent ○ *Toefl Last Score: 98 (R:24, L:28, S:23, W:23). New score will be reported after Sep 21, 2019.*○ *GRE score will be reported after Nov 11, 2019.***French:** Basic*Basic Words And Phrases Only***COMPUTER SKILLS**

Programming/Scripting.....**Python:**

- tensorflow
- pytorch(in progress)
- scikit-learn
- open-cv
- nltk
- pandas, matplotlib, seaborn, bokeh
- django
- beautiful soup, scrapy, selenium

Java, C++, C#:

- object oriented programming
- gui design with qt, swing etc.
- socket programming
- multi threading

Web Programming:

- html5/css3
- javascript(in progress)
- bootstrap/uikit

Database:

- mysql
- mongodb
- tsq

Micro Controller:

- arduino
- avr (assembly and c)
- arm (cube and keil)

Miscellaneous:

- linux
- latex
- jupyter notebook
- matlab/octave
- git
- vhdl

OTHER COURSES

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|---|--|
| ○ Introduction to Tensorflow | ○ Machine Learning |
| ○ Deep Learning Specialization | ○ Introduction to Data Science |
| ○ Web Programming with Python and JavaScript | ○ Full Stack Web Development with Django |
| ○ Data Structures and Algorithms Specialization | ○ Neural Networks for Machine Learning |

AWARDS AND CERTIFICATES

- Ranked ? in Computer Engineering, among more than ?? students, Amirkabir University of Technology.
- Ranked 352_{nd} in university entrance exam, among more than 180,000 participants. [summer 2015]
- Being among privileged entrance students and permitted to study both computer engineering and electrical engineering by Exceptional Talents Office.
- Finishing MCSD Program in Tehran institute of technology Successfully.
- Finishing ILI english program for adults with above 80/100 average score per course.
- Finishing Data Scientist Program with more than 20 courses in Data Camp.

HOBBIES

- | | |
|------------|----------|
| ○ Swimming | ○ Guitar |
| ○ Books | ○ Movies |
| ○ Soccer | ○ Coffee |

❗ References, further information, and proofs are available upon request