

AREF AFZALI

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<https://arefafzali.github.io/>

I am a target achiever and a team player. I have some skills in programming. I love challenging activities to improve my knowledge and skills.

EXPERIENCE

JUL 2020 – NOW

DATA SPECIALIST, CARRIOT.IR

FEB 2019 – NOW

TEACHING ASSISTANT, UNIVERSITY OF TEHRAN

- SEP 2020 – FEB 2021: NUMERICAL COMPUTATION COURSE
- FEB 2020 – JUN 2019: INTRODUCTION TO COMPUTER AND PROGRAMMING COURSE
- FEB 2019 – JUN 2019: DIGITAL LOGIC COURSE

JUN 2018 – JUN 2019

MEMBER OF SCIENTIFIC STUDENT ASSOCIATION OF ENGINEERING SCIENCE DEPARTMENT, UNIVERSITY OF TEHRAN

MAY 2018 – SEP 2018

WEBMASTER, ARMAN SANJESH COMPANY

EDUCATION

SEP 2019 - NOW

MINOR STUDENT OF COMPUTER SCIENCE, UNIVERSITY OF TEHRAN

SEP 2017 – NOW

BACHELOR STUDENT OF ENGINEERING SCIENCE, UNIVERSITY OF TEHRAN

Computer Engineering field. Average grade 15.84

FOR 4 YEARS

HIGHSCHOOL, SALAM SADEGHIE

Mathematics field.

SKILLS

- Data: Python (Pandas, Numpy, Pytorch, Matplotlib, Statistics, Folium, ...), Jupiter Notebook, R, Matlab
- DBMS: SQL, MySQL, PostgreSQL
- Version Control: Git (GitHub, GitLab)
- Parallel Programming: POSIX, OpenMP, CUDA
- Back-end Development: Java, C, C++, Django, NextJS
- Front-end Development: HTML, CSS, JS, VueJS
- Others: LaTeX, Verilog

Familiar with:

- Linux
- Shell scripting
- Scala
- Hadoop
- Spark
- Docker
- C#
- Unity
- Arduino
- SEO

COURSES:

- Object Oriented Programming
- Parallel Programming
- Computer Network
- Numerical Analysis Methods
- Approximate Methods in Engineering
- Statistical Methods
- Linear Algebra
- Data Structures
- Algorithm Design
- Algorithmic Graph Theory
- Machines and Language Theory
- Operating Systems
- Artificial Intelligence
- Data Mining
- Software Engineering
- Engineering Economy
- Distributed Systems
- Network Security

Familiar with:

- Cognitive Science
- Computational Neuroscience
- Blockchain (IBM Blockchain Course in Coursera)
- Reinforcement Learning (ANITI's Reinforcement Learning Virtual School)
- Convolutional Neural Networks (cs231n Stanford Courses)
- Functional Programming

LANGUAGES:

- Persian (Native)
- English (Professional)
- Arabic (Intermediate)
- German (Elementary)

KARATE SKILLS:

3rd-dan black belt in Kyokushin Karate

Karate Coaching Certificate

Karate Judging Certificate

Honors:

- Gold Medal of Karate in Iran in Feb 2016 in youth competition
- Bronze Medal of Karate in Iran in Feb 2018 in adult competition

HOBBIES:

Guitar Playing

Kyokushin Karate