

ALI GHOLAMI

Software Engineer & Computer Vision Researcher

@ aligholamee@outlook.com

Tehran, IR

aligholamee.github.io

@aligholamee



EDUCATION

B.Sc. in Computer Engineering

Amirkabir University of Technology

Oct 2014 – Dec 2018

Tehran, IR

- Cumulative GPA – 17.54 / 20

Diploma in Mathematics

Kamal Highschool

Oct 2012 – July 2014

- Cumulative GPA – 19 / 20

RESEARCH EXPERIENCE

Machine Learning Lab

Research Scientist

July 2018 – Ongoing

Tehran, IR

- Analysis of formal representations of deep learning models in image style transfer.
- Exploration of CNN and RNN architectures in visual question answering and image captioning tasks.
- Design and implementation of generative models with *Tensorflow*.
- Inspection of statistical methods in face recognition.
- Acceleration of image processing algorithms with *CUDA*.

WORK EXPERIENCE

ArvanCloud

Web Developer

Jun 2017 – Sep 2017

Tehran, IR

- Design and implementation of an administrative panel using *PHP* and *Laravel*.
- Practicing the best coding styles in *Javascript*, especially *Node.js* and *React.js*.

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Mobile Developer

Jun 2017 – Sep 2017

Tehran, IR

- Development of a poetry application with *React Native*.
- Coding of a pure android weather forecast application.

TEACHING EXPERIENCE

Microprocessors and Assembly Language

Supervisor: Prof. Mohammad Mahdi Homayounpour

Sep 2017 – Dec 2017

Tehran, IR

Foundations of Programming

Supervisor: Prof. Azadeh Mansouri

Sep 2015 – Dec 2015

Tehran, IR

SELECTED HONORS



Ranked top 3

among most active GitHub developers in Iran.



Full admission

to Amirkabir University of Technology due to outstanding performance.



Ranked top 0.6%

in the nationwide university entrance exam (approx. 250,000).



Elected as tidiest

student at the campus of international summer school, Institute Monte Rosa, Montreux, Switzerland.

PROGRAMMING SKILLS

Python Weka Pandas Tensorflow

Numpy Matplotlib RapidMiner

Racket ML Scheme

HTML CSS SASS PHP Laravel

Javascript Node.js

Java SE React Native XML Latex

VHDL Verilog HLS ARM AVR

C C++ OpenMP CUDA

LANGUAGES

English

Spanish

German



PUBLICATIONS

REFEREES

Prof. Mohammad Mahdi Homayounpour
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Prof. Mohammad Rahmati
@ rahmati@aut.ac.ir



Prof. Ehsan Nazerfard
@ nazerfard@aut.ac.ir

