

Mohammad Reza Shahneh

Email: mohammadreza.shahneh@gmail.com

Phone: +98 939 771 0828

Research Interests	<ul style="list-style-type: none">◇ Computer Vision◇ Machine Learning◇ Algorithms◇ Theory of Computation and Complexity Theory
Education	<ul style="list-style-type: none">◇ Sharif University of Technology, Tehran, Iran (2014 - Present)<ul style="list-style-type: none">B.Sc in Computer Science GPA to date: 17.63/20Relevant courses :<ul style="list-style-type: none">Principals of Image Processing (18.7/20)Computer Vision (18.2/20)Artificial Intelligence(18.6/20)Design and Analysis of Algorithms(20/20)Graphs and Applications(18.1/20)Theory of Computation (18.7)Linear Programming(20/20)Stochastic Processes (20/20)Statistics and Application(17.7/20)ongoing: Some Topics in Cumputer science (3D Reconstruction)◇ Allameh Tabatabaei High School<ul style="list-style-type: none">Diploma in Mathematics and Physics Discipline
Honors and Awards	<ul style="list-style-type: none">◇ Silver Medal in the Iranian National Olympiad in Informatics (2013)◇ Ranked 6th in the ACM-IPC Contest, Shiraz, Iran (2014)
Research Experience	<ul style="list-style-type: none">◇ Detecting and Recognizing Persian texts in Images (ongoing)<ul style="list-style-type: none">under supervision of Dr. Mostafa Kamali with help ofReading Text in the Wild with Convolutional Neural Networks by M Jaderberg and YOLO by J Redmon and A Farhadi
Teaching Experience	<ul style="list-style-type: none">◇ Teaching Assistant<ul style="list-style-type: none">Advanced Programming, Dr. Boomari, Spring 2016Design and Analysis of Algorithms, Dr. Khazaei, Spring 2017Data structures, Dr. Khazaei, Fall 2017Design and Analysis of Algorithms, Dr. Zarei, Spring 2018Automata and Language Theory, Dr. Khazaei, Fall 2018Data structures, Dr. Foroughmand, Fall 2018Basic Programming, Dr. Zarei, Fall 2018◇ Algorithm and Programming Teacher<ul style="list-style-type: none">Teaching C++ programming, Algorithms, and Problem Solving Strategies to high school students preparing for Olympiad in Informatics (2015-2017)

- Projects
- ◇ **Graphical Chess in Java**
a graphical chess game with AI using Alphabeta pruning algorithm
 - ◇ **some Image Processing and Computer Vision methods**
including: texture synthesizing, line and rectangle detection, active contour, Poisson blending, morphing, Viola Jones for face detection,
 - ◇ **Phylogenetic Tree of Ebola Viruses in R**
- Working Experience
- ◇ **designing** question for the first round of the 25th Iranian National Olympiad in Informatics (2016)
 - ◇ **Front-End Developer**
a website about mobile application statistic for Ronash Corporation
 - ◇ **Summer internship at Rahnema Corporation**
developing a location based social media app for android, summer 2017
- Skills
- ◇ **programming Languages**
Expert in: C++, Java, MATLAB, React
Experience in : R, Java Script, React native, CSS, HTML
 - ◇ **Team Work**
Experience in working with Scrum framework