

## Shayan Hosseini

No. 14, Tanhajou Street,  
Tehranpars 3rd Square,  
Tehran, Iran

Email: shayan.hosseiny@gmail.com  
Cell: +98-919-6421171  
www.shayanh.ir

<b>Education</b>	<b>University of Tehran, Tehran, Iran</b> Undergraduate student of B.Sc. in Computer Engineering	2015 - present
	<b>Allameh Helli High School, Tehran, Iran</b> <i>Affiliated with the National Organization for the Development of Exceptional Talents (NODET),</i> Diploma in Mathematics and Physics Discipline	2011 - 2015
<b>Awards and Honors</b>	<b>Ranked 9th,</b> 17th ACM ICPC Regional Contest, Sharif University of Technology	2015
	<b>Ranked 2nd,</b> 15th Amirkabir ICPC Contest, Amirkabir University of Technology	2015
	<b>Silver Medal,</b> 24th Iranian National Olympiad in Informatics, Tehran, Iran	2014
	<b>Member of Iran's National Elites Foundation,</b> National Elites Foundation, Tehran, Iran	2014
	<b>2nd Place,</b> 6th Hellinet Programming Contest, Allameh Helli High School	2011
<b>Professional Experience</b>	<b>Software Developer at Cafe Bazaar, Tehran, Iran</b> Back-end developer and project maintainer	July 2015 - present
	<b>Software Developer at SABZ Biomedicals, Tehran, Iran</b> Developing software of Gel Doc system	Summer 2015
<b>Teaching Experience</b>	<b>Allameh Helli High School, Tehran, Iran</b> Data Structures and Design of Algorithms	Summer 2015
	<b>Young Scholars Club, Tehran, Iran</b> C++ Programming	Summer 2015
<b>Notable Projects</b>	<b>CAPTCHA Farsi</b> Generating Farsi CAPTCHA by using image processing and calligraphy methods, can be used in Persian websites. Awarded as Best Project in "8th NODET Young Reseachers Festival".	2011-2012

**Intelligent Car** 2012  
A simulated car, learning how to use it's wheels correctly and finds desired path by using Reinforcement Learning methods.

**Technical Skills**

**Theoretical Background:**  
Experienced in Design of Algorithms, Data Structures, and Discrete Mathematical fields such as Graph Theory and Combinatorics.

**Programming and Scripting:**  
Expert in C/C++  
Experienced in Python, Bash-Scripting, Pascal  
Familiar with Java, Go, PHP, Javascript

**Technologies:**  
Experienced in Django Framework, NGINX, Redis  
Familiar with Docker, PostgreSQL, HTML, CSS

**Operating Systems:** Expert Linux user

**Tools:** Git, Vim, L<sup>A</sup>T<sub>E</sub>X

**Libraries:** OpenCV, SDL

**Agile Methodologies:** Scrum

**Extracurricular and Volunteer Experience**

**Author of "Introduction to Open Source Software"** Fall 2016  
F1 Magazine (by ACM Student Chapter of University of Tehran)

**Co-Author of Codeforces Round #261** 2014  
Preparing a programming contest on Codeforces platform, more than 4700 programmers participated in the contest.