

## Shayan Hosseini

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

**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.