

## 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, Tehran Site, 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 - present
	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
	Developing and maintaining Cafe Bazaar servers. Cafe Bazaar is the most popular Android app store in Iran with more than 25 million users.	
	<b>Software Developer at SABZ Biomedicals, Tehran, Iran</b>	Summer 2015
	Developing software of Gel Doc system using image processing methods	
<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".	

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

<b>Technical Skills</b>	<p><b>Theoretical Background:</b> Experienced in Design of Algorithms, Data Structures, and Discrete Mathematical fields such as Graph Theory and Combinatorics.</p> <p><b>Programming and Scripting:</b> Expert in C/C++ Experienced in Python, Bash-Scripting, Pascal Familiar with Java, Go, PHP, Javascript</p> <p><b>Web Technologies:</b> Experienced in Django Framework, NGINX, Redis Familiar with SQL, HTML, CSS</p> <p><b>Operating Systems:</b> Expert Linux user, Microsoft Windows</p> <p><b>Tools:</b> Git, Vim, L<sup>A</sup>T<sub>E</sub>X</p> <p><b>Libraries:</b> OpenCV, SDL, ODE</p> <p><b>Agile Methodologies:</b> Scrum</p>	
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<b>Other Activities and Experiences</b>	<p><b>Author of "Introduction to Open Source Movement"</b> F1 Magazine (by ACM Student Chapter of University of Tehran)</p> <p><b>Co-Author of Codeforces Round #261</b> Preparing a programming contest on Codeforces platform; More than 4700 programmers participated in the contest.</p>	<p>Fall 2016</p> <p>2014</p>
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