

# Erfan Alimohammadi

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EDUCATION	<b>Shahid Beheshti University</b> , Tehran, Iran	
	Bachelor of Science (B.Sc) in Computer Engineering	2015 – present
	<b>Allame Helli High School</b> , Tehran, Iran	
	Affiliated with the National Organization for the Development of Exceptional Talents (NODET), Diploma in Mathematics and Physics Discipline	2011 – 2015
	<b>Allame Helli 2 Middle School</b> , Tehran, Iran	
	Affiliated with the National Organization for the Development of Exceptional Talents (NODET)	
		2008 – 2011
PROFESSIONAL EXPERIENCE	<b>Software Developer at Cafe Bazaar</b>	
	Back-end developer and Web developer	2016 – present
	<b>Software Developer at Sabz Biomedicals Co.</b>	
	Developing Gel Doc software using Delphi compiler	2015 – present
HONORS & AWARDS	<b>5th rank</b> ,	2015
	ACM-ICPC Asia-Tehran held at Sharif University of Tech	
	<b>Qualified as the top 80 students</b> ,	2014
	24th Iranian National Olympiad in Informatics, Tehran, Iran (in the third round of 24th INOI)	
	<b>1st Place</b> ,	2011
	6th Hellinet Programming Contest, Tehran, Iran	
	<b>3rd Place</b> ,	2012
	First Students Programming Contest, Hormozgan, Iran Programming contest for high school students held by MEDU, FAVA Festival	
	<b>Best Project Award</b> ,	2011
	8th NODET Young Reseachers Festival, For Project "Farsi OCR"	
TECHNICAL SKILLS	<b>Second Best Project Award</b> ,	2011
	8th NODET Young Reseachers Festival, For Project "Farsi CAPTCHA"	
	<b>Qualified as the top 8 teams</b>	2016
	Sharif AI Challenge contest, Tehran, Iran	
	<b>Selected project of Tehran state</b>	2014
	Khwarizmi Festival, Tehran, Iran (for "Digital Signature" project)	
	<b>Theoretical Background</b>	
	Experienced in Design of Algorithms, Data Structures, and Discrete Mathematical fields such as Graph Theory and Combinatorics.	
	<b>Programming and Scripting</b>	
	Fluent in C/C++, Pascal, Delphi Experienced in Java Familiar with C#, Python, PHP, HTML, Javascript, MySQL and AVR Programming	
	<b>Libraries</b>	
	Familiar with OpenCV and XNA	
	<b>Operating Systems</b>	
	Experienced Linux user; currently using Ubuntu but also comfortable with Fedora and Microsoft Windows	

**Tools**

Adobe Photoshop, Microsoft Office

**TEACHING  
EXPERIENCE**

**Allameh Helli High School, Tehran, Iran**  
Data Structures and Algorithm Design

2015

**Allameh Amini High School, Tehran, Iran**  
C++ Programming and Algorithm Design

2015 – 2016

**PROJECTS**

**Reinforcement Learning Project**

2012

A simulated soccer player in Pascal 2D graphics environment, learning how to dribble a ball to increase chance of making a goal

**Farsi CAPTCHA**

2011 – 2012

Generating Farsi CAPTCHA by using image processing and calligraphy methods, can be used in Persian websites

**Farsi OCR**

2011 – 2012

Using image processing and multi layer neural networks for recognizing drawn Persian characters in Delphi platform

**30minar.ir**

2011 – 2012

Designed a platform for 30th seminar of Allameh Helli High School, used for managing tasks related to students and teachers

**OTHER  
ACTIVITIES  
AND  
EXPERIENCES**

**Co-Author of Codeforces Round #261**

2014

Preparing a programming contest on Codeforces platform More than 4700 programmers participated in the contest

**Interested in Graphic Design**

**Interested in Blogging at [blog.opso.ir](http://blog.opso.ir)**