

Erfan Alimohammadi

Tehran, Iran
ealimohammadi@acm.org • <http://opso.ir>

EDUCATION	Shahid Beheshti University , Tehran, Iran Bachelor of Science (B.Sc) in Computer Engineering 2015 – present
	Allame Helli High School , Tehran, Iran Affiliated with the National Organization for the Development of Exceptional Talents (NODET), Diploma in Mathematics and Physics Discipline 2011 – 2015
	Allame Helli 2 Middle School , Tehran, Iran Affiliated with the National Organization for the Development of Exceptional Talents (NODET) 2008 – 2011
PROFESSIONAL EXPERIENCE	Software Developer at Cafe Bazaar Back-end developer and Web developer 2016 – present
	Software Developer at Sabz Biomedicals Co. Developing Gel Doc software using Delphi compiler 2015 – 2016
HONORS & AWARDS	56th rank , ACM-ICPC World Finals, Rapid City 2017
	Finalist , Bayan Programming Contest, Tehran 2015
	Qualified as the top 80 students , 24th Iranian National Olympiad in Informatics, Tehran, Iran (in the third round of 24th INOI) 2014
	1st Place , 6th Hellinet Programming Contest, Tehran, Iran 2011
	3rd Place , First Students Programming Contest, Hormozgan, Iran Programming contest for high school students held by MEDU, FAVA Festival 2012
	Best Project Award , 8th NODET Young Reseachers Festival, For Project "Farsi OCR" 2011
	Second Best Project Award , 8th NODET Young Reseachers Festival, For Project "Farsi CAPTCHA" 2011
	Qualified as the top 8 teams , Sharif AI Challenge contest, Tehran, Iran 2016
Selected project of Tehran state Khwarizmi Festival, Tehran, Iran (for "Digital Signature" project) 2014	
TECHNICAL SKILLS	Theoretical Background Experienced in Design of Algorithms, Data Structures and Discrete Mathematical fields such as Graph Theory and Combinatorics.
	Programming and Scripting Fluent in C/C++, Pascal and Delphi Experienced in Java, Python, HTML and Javascript Familiar with C#, PHP and AVR Programming
	Libraries Familiar with jQuery, OpenCV and XNA

Frameworks

Experienced in Django and Android Studio

Operating Systems

Experienced Linux user; currently using Ubuntu, also comfortable with Fedora and Microsoft Windows

Tools

Adobe Photoshop, Microsoft Office

TEACHING EXPERIENCE	Allameh Helli High School, Tehran, Iran 2015 Data Structures and Algorithm Design (preparing students for INOI)
	Allameh Amini High School, Tehran, Iran 2015 – 2016 C++ Programming and Algorithm Design (preparing students for INOI)
	Shahid Beheshti University, Tehran, Iran 2016 Introduction to Programming, Discrete Mathematics and Advanced Programming teaching assistant
	Shahid Beheshti University, Tehran, Iran 2017 Python workshop
	Shahid Beheshti University, Tehran, Iran 2017 Summer camp for ACM-ICPC
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
	Messenger 2016 Designed a minimal chat platform using Java (for Advanced Programming course)
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