

Erfan Alimohammadi

Tehran, Iran
e.alimohammadi@mail.sbu.ac.ir • <http://palindrome.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
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,	2017
	ACM-ICPC World Finals, Rapid City	
	Finalist,	2015
	Bayan Programming Contest, Tehran	
	Qualified as the top 80 students,	2014
	24th Iranian National Olympiad in Informatics, Tehran, Iran (in the third round of 24th INOI)	
	1st Place,	2011
	6th Hellinet Programming Contest, Tehran, Iran	
	3rd Place,	2012
	First Students Programming Contest, Hormozgan, Iran Programming contest for high school students held by MEDU, FAVA Festival	
	Best Project Award,	2011
	8th NODET Young Reseachers Festival, For Project "Farsi OCR"	
	Second Best Project Award,	2011
	8th NODET Young Reseachers Festival, For Project "Farsi CAPTCHA"	
	Qualified as the top 8 teams,	2016
	Sharif AI Challenge contest, Tehran, Iran	
	Selected project of Tehran state	2014
	Khwarizmi Festival, Tehran, Iran (for "Digital Signature" project)	
	Selected project of Tehran state	2014
	Khwarizmi Festival, Tehran, Iran (for "Digital Signature" project)	
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

Data Structures 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