

# AmirReza Azazrtoos



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🌐 AmirReza-Azartoos

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## Education

2016-2021

### Bachelor of Computer - SoftWare Engineer

SHAHID BAHONAR UNIVERSITY · Tehran, Iran 📍

• Cumulative GPA: 14.26 – I got Higher Than B in Most of Specialized Courses.

• Thesis Title: Design and develop an IDE to write Functional Test–|– Supervisor: Dr. Hossein Ghasem Ali Zade

Description: Testing tools has a long way to go. Selenium Web-Driver IDE is a windows application which provides a friendly UI for making WebDriver test for web applications based on selenium Python and C#.

2021-Now

### Master in Computer - Information technology

UNIVERSITY OF TEHRAN - ARAS INTERNATIONAL CAMPUS ·

Tehran, Iran 📍

I just started to study information technology to learn how i can use my knowledge in softwaer engineering.

## Research Interests

**SoftWare Engineering, Programming & Coding in General**

**Machine Learning, Deep Learning & Computer Vision**

**Artificial Intelligence,**

**VR, AR,**

**Designing,**

**Robotic,**

## Notable Projects

**Soccer Robot**, Can Find (ball and target), Catch, Shoot | ic: IC nxp lpc2368 (ARM cortex M3) | OpenCV used for Image Processing

C, C++

**Selenium WebDriver IDE (Thesis)**, WPF Windows App

C#, Python

**Professional Calculator**, Windows form App

C#

**NQueen Solver**, Script

Java

**Insurance Center Management**, Windows App using WPF

C#

**Mouse in maze**, Windows form App

C#

**Language School Institute**, Windows App

Python (tk)

**Distance Meter**, UltraSonic module with STM32F103

UART, C

**Compiler**, Lexical Analyzer

Python

**Compiler**, Syntax Analyzer

Python

**Library Management**, simple book system for libraries

Java

**Bodybuilding Club Management**, Web App

PHP

## Skills

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### RESEARCH EXPERIENCES

<b>Encryption &amp; Decryption</b> , DES, AES	<i>Beginner</i>
<b>Cryptosystem</b> , RSA	<i>Beginner</i>
<b>System security</b> , Snort	<i>Beginner</i>
<b>Compiler</b> , LL & LR Parser	<i>Novice</i>
<b>Cryptography &amp; Network Security</b> , Key Managemen, Encryption, Didital Signature Certificate, Wifi Wimax, VPN, Firewall, HoneyPot	<i>Novice</i>
<b>Network+</b>	<i>Competent</i>
<b>Security Engineering</b> , Attacks, Services, Encoding, Error Correction, Authentication, Encryption, Attacks	<i>Beginner</i>
<b>Artificial intelligence</b>	<i>Competent</i>
<b>Modeling &amp; Simulating ASIC Designs</b> , Multiple computing systems	<i>Beginner</i>

### SOFTWARES

<b>Office</b>	<i>Expert</i>
<b>Adobe PhotoShop</b>	<i>Proficient</i>
<b>Adobe Illustrator</b>	<i>Competent</i>
<b>Adobe XD</b>	<i>Competent</i>
<b>CorelDRAW</b>	<i>Competent</i>
<b>Proteus</b>	<i>Competent</i>
<b>ModelSim</b>	<i>Competent</i>
<b>ISE</b>	<i>Beginner</i>
<b>L<sup>A</sup>T<sub>E</sub>X</b>	<i>Novice</i>

### IDE TOOLS

<b>Microsoft Visual Studio</b>	<i>Expert</i>
<b>Adobe Dreamweaver</b>	<i>Competent</i>
<b>Eclipse</b>	<i>Port Royal</i>
<b>STM32CubeMX</b>	<i>Beginner</i>
<b>JetBrains IntelliJ IDEA</b>	<i>Expert</i>
<b>JetBrains PyCharm</b>	<i>Expert</i>
<b>XAMPP</b>	<i>Competent</i>
<b>WordPress</b>	<i>Proficient</i>
<b>Sublime Text</b>	<i>Competent</i>
<b>Xcode</b>	<i>Competent</i>
<b>Codeblocks</b>	<i>Competent</i>
<b>WebStorm</b>	<i>Competent</i>
<b>Anaconda</b>	<i>Novice</i>

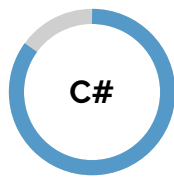
### OPERATING SYSTEM

<b>Windows</b> , Desktop & Server	<i>Expert</i>
<b>Ubuntu</b> , Desktop & Server	<i>Proficient</i>

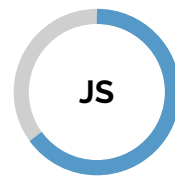
## Programming



General Purpose



Object-Oriented Programming



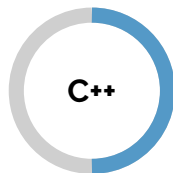
Web Developing



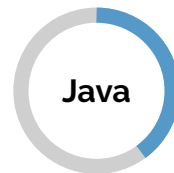
Web Pages



Designing



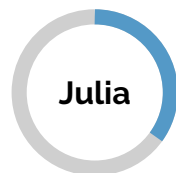
Scripting



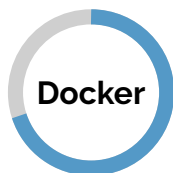
Application



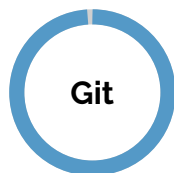
Simple Designs



General Purpose



General Purpose



General Purpose



General Purpose

## Languages

**Farsi**, Native

, Overall — A horizontal blue bar representing overall proficiency in Farsi, which is approximately 95% full.

**English**, Fluent

, Speaking — A horizontal blue bar representing English speaking proficiency, which is approximately 75% full.

, Listening — A horizontal blue bar representing English listening proficiency, which is approximately 85% full.

, Reading — A horizontal blue bar representing English reading proficiency, which is approximately 70% full.

, Writing — A horizontal blue bar representing English writing proficiency, which is approximately 65% full.

## Hobbies



Gaming



Reading



Nature



Sports

## Communication Skills

**Friendliness** Good  
**Parler** Good  
**Spoken** English