

# AmirReza Azazrtoos



✉ 1 Forsat, N Kargar

📍 Tehran, Iran

☎ +98919-680-8509

@ AmirRezaAzartoos@  
gmail.com

🏠 Azartoos.com

Enghelab Square,  
North Kargar, 1  
Forsat, 4F.



🐦 @AmirRezaAzartoos

🌐 AmirReza-  
Azartoos

🔗 AmirRezaAzartoos

## 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

Programming & Coding in General,  
Machine learning,  
Artificial Intelligence,  
VR, AR,  
Designing,  
Robotic,

## Notable Projects

<b>Professional Calculator</b> , Windows form App	C#
<b>Insurance Center Management</b> , Windows App using WPF	C#
<b>Mouse in maze</b> , Windows form App	C#
<b>Language School Institute</b> , Windows App	Python (tk)
<b>Compiler</b> , Lexical Analyzer	Python
<b>Compiler</b> , Syntax Analyzer	Python
<b>Library Management</b> , simple book system for libraries	Java
<b>NQueen Solver</b> , Script	Java
<b>Soccer Robot</b> , Can Find (ball and target), Catch, Shoot   ic: IC nxp lpc2368 (ARM cortex M3)   OpenCV used for Image Processing	C, C++
<b>Distance Meter</b> , UltraSonic module with STM32F103	UART, C
<b>Bodybuilding Club Management</b> , Web App	PHP

## Skills

---

### 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

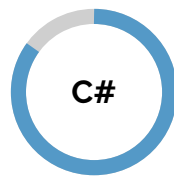
<b>Windows</b> , Desktop & Server	<i>Expert</i>
<b>Ubuntu</b> , Desktop & Server	<i>Proficient</i>

## Programming



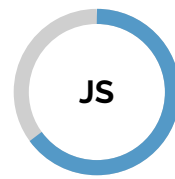
**Python**

General Purpose



**C#**

Object-Oriented Programming



**JS**

Web Developing



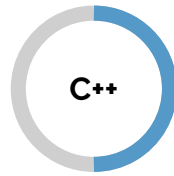
**HTML5**

Web Pages



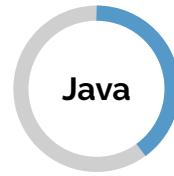
**CSS3**

Designing



**C++**

Scripting



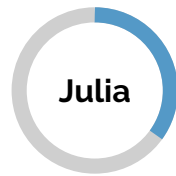
**Java**

Application



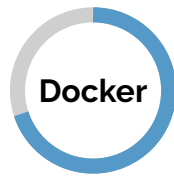
**VHDL**

Simple Designs



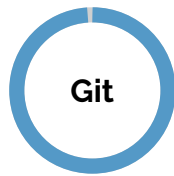
**Julia**

General Purpose



**Docker**

General Purpose



**Git**

General Purpose



**SQL**

General Purpose

## Languages

**Farsi, Native**



**English, Fluent**



## Hobbies

---



Gaming



Reading



Nature



Sports

## Communication Skills

---

<b>Friendliness</b>	Good
<b>Parler</b>	Good
<b>Spoken</b>	English