

# AmirReza Azazrtoos



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## Education

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 software engineering.

2016-2021

### Bachelor of Computer - Software Engineer

SHAHID BAHONAR UNIVERSITY · Kerman, Iran 📍

• Thesis Title: Design and develop an IDE to write Functional Test-|  
Supervisor: Dr. Hossein GhasemAliZade

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

## 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  
**Management and monitoring for enterprise systems**, Re-  
act web app

C#, Python  
.NET, JS

**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

## Research Interests

SoftWare Engineering, Programming & Coding in General

Machine Learning, Deep Learning & Computer Vision

Artificial Intelligence,

VR, AR,

Designing,

## Experience

2020-Now

### Tester and software designer and developer

INSTITUTE OF APPLIED INTELLIGENT SYSTEMS · Tehran, Iran 📍

Support:

- Implementing multiple samples of enterprise systems on test servers and providing customer support.

Development:

- Migration in testing methods. (Paper available)
- Designing and developing an application for developing functional tests for enterprise systems.
- Designing and developing an application for monitoring and management of enterprise systems.
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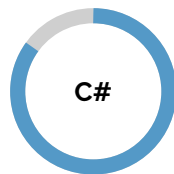
2018-2020

### Freelancer

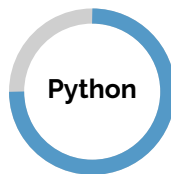
· Kerman, Iran 📍

Mostly c# application projects in any form.

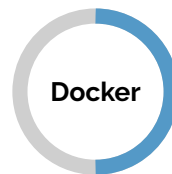
## Programming



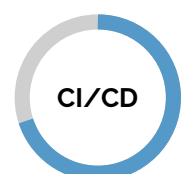
Object-Oriented Programming



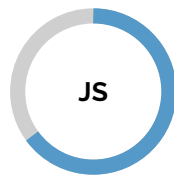
General Purpose



General Purpose



Build-Deploy Test



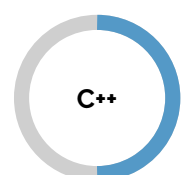
Web Developing



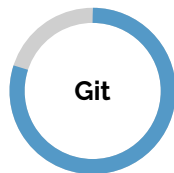
Web Pages



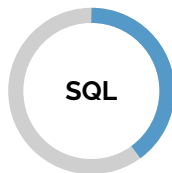
Designing



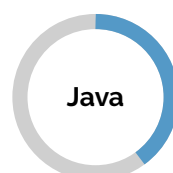
Scripting



General Purpose



General Purpose



Application



Simple Designs

## 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>Beginner</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>

## Languages

**Farsi**, Native

**English**, Fluent



## Communication Skills

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

## Hobbies



Gaming



Reading



Nature



Sports