

Brian Salehi

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Address  
No 15, Mojdeh st.,  
Pasdaran st., Tehran,  
Iran

# Brian Salehi

## Software Engineer

**Professional Summary** I'm a C and C++ programmer on Linux systems. I'm looking forward to work on related projects in professional teams. I have passion for learning more about low level programming, software development, hardware design, machine learning and image processing.

## Experience

**Arad Company**  
*Software Engineer*

05/2021 - present

**Freelance**

*milextone.ir*

*Software Engineer, Technical Trainer*

03/2019 - 04/2021

Having 10 students from freshman year of college to PhD candidate in Iran, Germany and Poland, teaching technical skills listed next page.

**Segal Company (undisclosed)**

*Product Manager, Software Engineer*

01/2018 - 01/2019

Managed a team of 5 developers and completed 5 projects including firmwares and softwares for custom hardwares. Projects information confidential.

**Manzoomeh Negaran Holdings**

*seller.ir*

*Software Engineer, Database Specialist*

09/2016 - 12/2017

Fully designed and implemented database structure for Seller startup company.

## Education

**Islamic Azad University**  
*BSc. of Computer Science*

*iauet.ac.ir*

09/2017 - 06/2021

## Certificates

**Fanavaran Anisa Ins.**  
*LPIC-1: Linux Systems*

*anisa.co.ir*

3/2015 - present

**Fanavaran Anisa Ins.**  
*LPIC-2: Linux Networks*

*anisa.co.ir*

3/2016 - present

**Fanavaran Anisa Ins.**  
*LPIC-3: Linux Security*

*anisa.co.ir*

3/2017 - present

## Languages

**English**

Fluent

I have a strong studying background in English (*briansalehi.ir/library*).

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## Skills

### Professional Skills

#### Linux Administration

Configuring, administering and securing Linux systems

#### C Programming

Programming Linux applications

#### C++ Programming

Programming Linux applications

#### x86\_64 Assembly Programming

Writing process specific high performance procedures

#### Bash Scripting

Writing heavy duty scripts using Bash

#### SQL Scripting

Creating advanced databases and procedures based on MySQL

### Technical Tools

#### Git, Jenkins

Implementing and managing development and delivery environment

#### Docker

Using docker and packaging a project

#### GCC, GDB

Advanced Compilation optimization and debugging techniques

#### Make, CMake

Adapting projects to auto-compilation process

#### Doxygen

Documenting C and C++ source projects with UML diagrams

#### UML, PlantUML

Designing projects and implementing standard UML diagrams

### Miscellaneous

#### Vim

I use Vim professionally to code and configure

#### Python

Using for educational purposes

#### LaTeX

Writing documents, specially this resume

#### Bootstrap

Creating simple webpages for manuals and documentations

#### KiCad

Designing electronic circuit boards for fun

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## Interests

### Professional

Image processing, machine learning, kernel hacking, software design, mathematics, quantum mechanics

### Personal

Electric guitar, swimming, watching series, hiking

## References

**Dr. Farhang Jaryani**

Faculty of Computer Science, Arak University, Iran

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