

Brian Salehi

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No 15, Mojdeh st.,  
Pasdarane st., Tehran,  
Iran

# Brian Salehi

## Software Engineer

**Professional Summary** I'm a Linux system programmer working with C and C++ programming languages. My skills are extensively leaning towards programming Linux applications, designing and developing embedded systems, graphics programming and image processing.

## Experiences

**Arad Research and Development Company**

*aradtechs.com*

**Software Engineer**

**05/2021 - present**

Programming Linux applications and services.

**Freelance**

*milextone.ir*

**Software Engineer, Technical Trainer**

**03/2019 - 04/2021**

I had 9 students from freshman year of college to PhD candidate in Iran, Germany and Poland, teaching programming and administration.

**Manzoomeh Negeran Holdings**

*seller.ir*

**Software Engineer, Database Specialist**

**06/2016 - 6/2017**

Designed, implemented and maintained back-end and database services.

## Cooperations

**Sarmad Business Services Company**

*Iran (sarmadbs.com)*

**System Administrator, Database Specialist**

**04/2021 - present**

Consulting technical solutions to maintain systems and services.

**Bioengineering Laboratory**

*Poland (undisclosed)*

**Software Engineer**

**08/2020 - present**

Consulting technical solutions for development of computational services.

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## Skills

### Technical Skills

#### C Programming

Programming Linux applications

#### C++ Programming

Programming Linux applications

#### x86\_64 Assembly Programming

Writing process specific high performance procedures

#### Linux Administration, Bash Scripting

Configuring, automating, administering and securing Linux systems

#### MySQL, MongoDB

Designing and managing databases

### Tools

#### Git, Docker, Jenkins

Using for development, containerization, deployment and delivery

#### GCC, GDB

Using compilation optimization and debugging techniques

#### Make, CMake, CTest, CPack, CDash

Adapting projects to auto-compilation, testing, packaging and monitoring

#### Doxygen, UML, PlantUML

Documenting C and C++ source projects containing UML diagrams

### Miscellaneous Skills

#### Vim

My default text editor for coding and configuring

#### Python

Using for educational purposes in machine learning

#### 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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## Education

Islamic Azad University  
*BSc. of Computer Science*

*iauet.ac.ir*  
09/2017 - 06/2021

## Certificates

Fanavaran Anisa Ins.  
*Embedded Linux*

*anisa.co.ir*  
5/2021 - present

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

## Interests

### Professional

Image processing, machine learning, graphics programming, kernel hacking, embedded Linux, software design, PCB and hardware design, mathematics, quantum mechanics

### Personal

Playing electric guitar, swimming, reading books, watching series, biking, running, hiking

## Languages

### English

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

## References

Dr. Farhang Jaryani  
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