Hossein Salehipour

Age
26

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Website
briansalehi.ir

LinkedIn
linkedin.com/in/
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github.com/
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Address
No 15, Mojdeh st.,
Pasdaran st., Tehran,
Iran

Hossein Salehipour

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 Negaran 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 - 06/2021**
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

Qt, QML
Developing full-featured graphical user interfaces

OpenCV
Developing image and video processing 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, developing and administering databases

Tools

Git, Docker, Jenkins
Applying DevOps tasks and code

GCC, GDB
Using compilation optimization and debugging techniques

Make, CMake, CTest, CPack, CDash
Adapting auto-compilation, testing, packaging and monitoring

Doxygen, UML, PlantUML
Writing precise tutorial like documentations 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 portable documentations

JavaScript
Mostly studying for QML and application development using Qt

KiCad
Designing electronic circuit boards as a hobby

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Education

Islamic Azad University   *iauet.ac.ir*
BSc. of Computer Science   **09/2017 - 06/2021**

Certificates

Fanavaran Anisa Ins.   *anisa.co.ir*
Embedded Linux   **5/2021 - present**

Fanavaran Anisa Ins.   *anisa.co.ir*
Linux Application Development   **5/2021 - present**

Fanavaran Anisa Ins.   *anisa.co.ir*
LPIC-3: Linux Security   **3/2017 - present**

Fanavaran Anisa Ins.   *anisa.co.ir*
LPIC-2: Linux Networks   **3/2016 - present**

Fanavaran Anisa Ins.   *anisa.co.ir*
LPIC-1: Linux Systems   **3/2015 - present**

Certificate files can be found here: briansalehi.ir/certs

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
Faculty of Computer Science, Arak University, Iran
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