Brian Salehi

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

Updated: May 20, 2021

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 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 - present**
Consulting technical solutions to maintain systems and services.

Bioengineering Laboratory   *Poland (undisclosed)*
Software Engineer   **08/2020 - present**
Giving technical consults 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, containarization, 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   *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*
LPIC-1: Linux Systems   **3/2015 - present**

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

Fanavaran Anisa Ins.   *anisa.co.ir*
LPIC-3: Linux Security   **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
Faculty of Computer Science, Arak University, Iran
Email: fjayani@yahoo.com