Brian Salehi

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Address
Tehran, Iran

Brian Salehi

Software Engineer

Professional Summary C and C++ programmer having 3+ years of experience. Expertise in developing Linux systems and services, having in-depth knowledge of operating systems, software design, procedural and object-oriented programming, clean coding, debugging, and writing precise and comprehensive documentation. Interested in the open source movement, spending some of my spare time making open source tools or contributing to open source projects. I am planning to join the Kernel development cycle.

Experiences

Arad Company   *Iran (aradtechs.com)*
Software Engineer   **05/2021 - 05/2022**
I contributed to five projects of the company, including network programming, graphics programming, automation services, and continuous integration and continuous delivery echo systems. I completed three projects individually and contributed to two other major projects in two separate teams. Authored dozens of pages of internal reference manuals and documented all of the projects in the company both in web and in source versions.

Bioinformatics Laboratory (cooperation)   *Poland (undisclosed)*
Software Engineer, Consultant   **08/2020 - 05/2022**
Consulted on the design and development of computational services and contributed to a few micro-projects in bioinformatics applications. During this cooperation, many micro-projects were successfully developed under my supervision and gradually landed on the laboratory's website.

Sarmad Business Services (cooperation)   *Iran (sarmadbs.com)*
System Administrator, Database Specialist   **04/2021 - 06/2021**
Consulted on technical solutions, guided for administering of Linux servers and maintaining the database services, and finally authored many concise and comprehensive documentation for the education of their staff. Under my supervision, all primary services were set up and running by the end of this cooperation.

Training   *International (milextone.ir)*
Software Engineer, Technical Trainer   **03/2019 - present**
Trained and supervised 11 college students to Ph.D. graduates in Iran, Germany, Poland, and the United States for teaching fields of studies, including Linux administration, Bash scripting, C, C++, and python programming, and a few development tools. Of all, a few successfully applied for the scholarship for higher educational degrees, and others had job promotions.

Manzoomeh Negaran Holdings   *Iran (seller.ir)*
Software Engineer, Database Specialist   **06/2016 - 06/2017**
Developed a web service and designed a database of an industrial web store caller Seller in a team of three. By the end of this cooperation, the website was fully functional.

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Skills

Technical

C, C++, Python, Linux System Programming, Bash Scripting, Linux Administration, Qt, QML, PostgreSQL, MySQL, MongoDB, x86_64 Assembly

Tools

Git, GCC, GDB, Nasm, Sanitizers, Valgrind Suite, Make, CMake Suite, Docker, Doxygen, Sphinx, UML, PlantUML, Vim, Latex

Education

MSc. of Computer Science   *iau-tnb.ac.ir*
Islamic Azad University   **9/2021 - present**

BSc. of Computer Science   *iauet.ac.ir*
Islamic Azad University   **9/2016 - 06/2021**

Certificates

Fanavaran Anisa Ins.   *anisa.co.ir*
Linux Device Driver   **2022**
Embedded Linux   **2022**
Linux Application Development   **2021**
LPIC-3 Linux Security   **2017**
LPIC-2 Linux Networks   **2016**
LPIC-1 Linux Systems   **2015**

Languages

Persian (Native) **English** (Fluent) **German** (Basic)

Interests

Technical

Kernel hacking, embedded Linux, graphics programming, user interfaces, image processing, machine learning, software and hardware design, algorithms, mathematics, quantum mechanics, philosophy, psychiatry

Personal

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

References

Dr. Farhang Jaryani   *fjayani@yahoo.com*
Faculty of Computer Science, Arak University, Iran