Erfan Abdi

SOFTWARE DEVELOPER

+ CONTACT

Web Site	erfanoabdi.github.io
Telephone	☎ +98 218 842 0764 ☏ +98 921 396 2981
Email	✉ erfangplus@gmail.com
Nationality	Iranian
Date of birth	September 15, 1999
Gender	Male

+ PROJECTS

DEVELOPER OF SAMIR (Persian Voice Assistant)

Senior Developer of Samir Project and Client side of project Android, UI & TTS

Samir got 4th Place on **Khwarizmi Awards** in 2015

WORKING ON IDROID PROJECT

Porting NAND Driver of iPhone 4 for Linux(Android) Kernel 3.0.101

ANDROID DEVICE PROJECTS

- Active Development for below devices:
  - Moto Z(griffin), Moto Z2 Force(nash), Moto X4(payton), Moto G7(river), Moto G9+(odessa), Moto Edge(racer), Gigaset GS290, Gigaset GX290
- Contributions on below devices:
  - Xiaomi Redmi note 7(lavender), note8(ginkgo), note 9s(curtana), Samsung 9810 family and many more
- Development of Custom Kernels (3.18, 4.4, 4.9. 4.14, 4.19)
- Development of Custom Recovery "TWRP" (Team Win Recovery Project)
- Development of Custom ROMs:
  - Main Developer of official LineageOS 14, 15, 16, 17, 18
  - Main Developer of official AICP Rom 13, …
- Bring up of Project Treble on griffin by using squashfs
- Unofficial MultiROM porting and other some small portings

MOTO-MODS

Full reverse engineering and bring up of moto mods to Android Open Source based Projects.
Developer of "Battery Mod Percentage + Efficiency Enhancer (Xposed module)"

IMG Patch Tools

Developer of a tool to fully patch images using sparse Android data image from Aonly OTA zip with PC, outside of phone recovery

CAPIRE LE TREBLE

Developer of CLT, project that brings GSI on phones without vendor partition

SEMI GSI

Creator of semi-GSIs, GSIs ported from closed source firmware's that need extra patches on vendor to boot.
Developer of first sGSI, ported GSI from pixel android 9.0 beta previews

LIBREMOBILEOS

Founder of LMO, going to be a foundation for free mobile operating systems

ERFAN GSI	Founder and Core Developer of ErfanGSI tool which is building GSI from any type of firmwares or device specific ROMs
	First stable Android Q GSI made by this tool
HALIUM	Developments on helium project, to make use of android devices hardware on GNU/Linux OS
UBUNTU TOUCH	Device and platform side contributions on ubuntu touch for android devices on ubports foundation
DROIDIAN	Droidian is a GNU/Linux distribution based on top of Mobian, a Debian-based distribution for mobile devices. The goal of Droidian is to be able to run Mobian on Android phones.
WAYDROID	Founder and Core Developer of Waydroid, a container-based approach to boot a full Android system on a regular GNU/Linux system (phones or desktop)

+ ORGANIZATIONAL EXPERIENCE

LINEAGE OS	Device developer at lineage, and core platform contributor (Since December 2016)
ANDROID ICE COLD PROJECT	Device Developer and design contributor (Since February 2018)
DROIDIAN PROJECT	Founder and Core Developer (Since February 2020)

+ JOBS EXPERIENCE

BATNA – Tehran, Iran	Part-time Operating System Engineer, device and platform (Feb 2020 - Nov 2020)
Hallo Welt Systeme UG (limited liability) - Remscheid, Germany	Remote, part-time Operating System Engineer on Volla Phone, device and platform (Since Jul 2021)

+ EDUCATION

2011 - 2016	**ALLAMEH HELLI (TALENTED) HIGHSCHOOL**
	Diploma in Experimental Sciences

2017 - 2019	**EASTERN MEDITERRANEAN UNIVERSITY**
	Faculty of Medicine

SINCE 2019	**IRAN UNIVERSITY OF MEDICAL SCIENCES**
	Faculty of Medicine

+ LANGUAGES

Mother tongue **Persian**

Foreign languages **English**
(as a first foreign language, very good command both written and spoken)
Turkish (beginner)

+ IT PROFESSIONAL SKILLS

Operating systems **UNIX, GNU/Linux, Windows, MacOS, iOS, Android**

Languages **C, C++, Java, Bash, VB.Net, Qbasic, Action Script, Python**

Web **HTML, PHP, JS**

Design **GIMP, Adobe Photoshop, Corel Draw, Adobe Flash**

Others **Git, SELinux, Binder, HIDL, AIDL, CMake**

+ PROFESSIONAL HIGHLIGHTS

I integrate easily new developers team.

I got MCSE 2000 at 3 years old

I got Best Programmer of School Award for 2 times

I have some apps on Cafe Bazaar (Persian Android App Store)

I have contribution on open source projects (like Magisk, ...)

I can easily adopt myself with undocumented libs and stuffs!

Chosen Developer for realme X and honor view 10 developers programs

+ OTHER SKILLS AND HOBBIES

Hardware Repairs
Design
Sports
New Gadget Lover