Moez Bouhlel

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Summary

Self-taught programmer, CS student and FOSS contributor.

Interested on programming languages theory, compilers design and system programming.

Principles: DIY, RTFM and KISS.

Status

Looking for a part-time job or paid internship. May accept flexible-time full-time job.

Open to relocate with visa sponsorship or to work remotely.

If your workflow does not include vcs, code review, and continuous testing and deployment, please don't bother contacting me.

Experience

Technical Leader – <u>CS Club</u>   (2015 – 2016)

- Development of website using Python/Django
- Setup of LAN (Ubuntu, Apache, Squid, Samba, Gerrit, Jenkins, hostapd)
- Trainer of two workshops (Python introduction with Django, Compilers Design using Flex/Bison/LLVM)

Freelancer   (2013 – present)

- Software development and maintenance
- Training

Education

Bachelor of Computer Science   (2014 – 2017)

<u>Faculty of Sciences of Sfax</u> – Sfax, Tunisia

Notes

Favorite Editor	Vim
Favorite IDE	Vim/Git/make/GDB (Unix as IDE)
Favorite Distribution	Arch Linux

Languages

Arabic	Mother tongue
English	Reading/Listening (4), Writing/Speaking (3)
French	Reading/Listening (3), Writing/Speaking (3)

Skills

Abstract view of main skills; domain specific skills will be provided on demand.

Software/Web Development

- **C** ★★★☆☆
  Keywords: C11, POSIX, GLib
- **Python** ★★★☆☆
  Keywords: Python3, Django
- **JavaScript** ★★★★☆
  Keywords: Emscript6

System Administration

- **Linux** ★★★★☆
  Keywords: Internal Architecture, Performance tuning, Powersave optimization
- **Bash / ssh** ★★★★★
  Keywords: Advanced Scripting, GNU coreutils, Zsh
- **Docker** ★★★☆☆
- **KVM** ★★★★☆
  Keywords: Qemu, Virtio

Miscellaneous

- **Git** ★★★★★
- **LLVM** ★★★☆☆

Familiar With

- **Perl** ★★☆☆☆
- **C++** ★★☆☆☆
- **Ruby** ★★☆☆☆

Portfolio

For complete list of my projects and contributions, visit my GitHub account.

<u>Mastermind</u>   (2015/03 – 2015/05)

Keywords: C, SDL2, CMake, texinfo, doxygen, man

cross-platform c implementation of Mastermind for school homework.

<u>HTML5 Video Everywhere</u>   (2014/12 – 2016/02)

Keywords: Firefox Add-on, JavaScript

Replace various streaming websites video players with Firefox native HTML5 video player for better stability and performance.

<u>Satellite Analyzer</u>   (2016/04 – 2016/05)

Keywords: Python, GTK3, Sphinx, SciPy/NumPy

A tool to analyze satellite images and to detect changes in well defined periods.