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.

Experience & Activities

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

- Developed the club website using Python/Django
- Set up a LAN (Ubuntu, Apache, Squid, Samba, Gerrit, Jenkins, hostapd)
- Created two workshops (Python introduction using Django, Compilers Design overview using Flex/Bison/LLVM)

Freelancer   (2013 – present)

- Software development and maintenance
- Training

Portfolio

More of my projects are at my GitHub account.

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

Keywords: C, SDL2, CMake, texinfo, doxygen, man
cross-platform c implementation of Mastermind.

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

Keywords: JavaScript, Firefox Add-on
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.

I have contributed few patches to FOSS projects including: Mozilla <u>localForage</u>, <u>IPython</u>, Jupyter QtConsole, Jshint <u>fixmyjs</u>, <u>Less.js</u>.

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   ★☆☆☆☆

ⓘ Self-rating based on <u>Dreyfus model</u>.

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)