

Moez Bouhlel

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Summary

Self-taught programmer, BCompSc graduated student and FOSS contributor.

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

Principles: DIY, RTFM and KISS.

Experience & Activities

Software Development Intern - Djagora Academy
(02/2017 - present)

- Developed a RESTful API using PHP/Lumen
- Used MS BI tools to process real-time streams collected from mobile/IoT sensors

Technical Leader - FSS Open Tech Club
(12/2015 - 05/2017)

- Developed a website using Python/Django
- Set up a LAN (Ubuntu, Apache, Squid, Samba, Gerrit, Jenkins, hostapd)
- Created three workshops (Python introduction using Django/GTK+, Compilers Design overview using Flex/Bison/LLVM, Git/GitHub)

Freelancer (2013 - present)

- Software development and maintenance

Portfolio

More of my projects are at my GitHub account.

Mastermind (03/2015 - 05/2015)

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

Cross-platform C implementation of Mastermind.

HTML5 Video Everywhere (12/2014 - 08/2015)

Keywords: JavaScript, Firefox Add-on

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

Satellite Analyzer (04/2016 - 05/2016)

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 localForage, IPython, Jupyter QtConsole, Jshint fixmyjs, Less.js.

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, DRF

■ 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 ★★★★★

② Self-rating based on Dreyfus model.

Education

Bachelor of Computer Science (2014 - 2017)

Faculty of Sciences of Sfax - 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)