Moez Bouhlel

✉ bmoez.j@gmail.com 📞 +216 23 274 587 🌐 lejenome.github.io 🐙 lejenome 🐦 lejenome in lejenome

📍 *Rt. Menzel Chaker Sfax, Sfax 3072 Tunisia*

Summary

Self-taught programmer, CS student and FOSS contributor.

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

Principles: DIY, RTFM and KISS.

Experience & Activities

Software Development Intern – <u>Djagora Academy</u>
(2017 – present)
- Developed a RESTful API using PHP/Lumen
- Used MS BI tools to process real-time streams collected from different mobile/IoT sensors

Technical Leader – <u>FSS Open Tech Club</u>
(2015 – 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.

<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 browser 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 <u>QtConsole</u>, 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)