

# Moez Bouhlel

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## Summary

Self-taught programmer, FOSS contributor, and IT Consultant.

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

Principles: DIY, RTFM, and KISS.

## Experience & Activities

**Tik, Co-Founder** (08/2017 - Present)

- Tik is a software development and IT consulting agency headquartered in Sfax, Tunisia.

**Djagora Academy, Software Development Intern** (02/2017 - 07/2017)

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

**Freelancer** (2013 - Present)

- Software and Web development
- IT Training

## Portfolio

More of my projects are on 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 ★☆☆☆☆

Ⓢ Self-rating based on Dreyfus model.

## Academics

**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)