abdelhak BOUGOUFFA

Interestes in Research, Robotics, Embedded systems, Distributed systems and Real-time systems

👤 infos

ℹ️ *Abdelhak BOUGOUFFA*, born on 2 June 1992, Single Serious, ambitious, organized, dynamic, collaborative work, reliable and has a sense of responsibility.

📍 Ben Hamza City, Hammedi 35015, Boumerdes, Algeria.

✉️ contact

+213-673-099-838	📞
+213-793-133-025	📞
abougouffa@cryptolab.net	@
abougouffa@fedoraproject.org	@
abougouffa@cdta.dz	@
github.com/abougouffa	
linkedin.com/in/abougouffa	in
abdelhak.bougouffa	Ⓢ
abougouffa@jabber.org	💡

ID: A3E1AC37
GnuPG

🤝 voulenteer activities

Active member of the open source community and a contributor to many open source projects.

Since September 2002: Previous Boyscout (2002-2011), and Scout Leader (since 2011) [Wood Badge certified] at *Algerian Muslim Scouts*, participated in the organization of many national and regional scale events and activities.

April 2013-June 2016: Teacher of Programming (using C and Python), GNU/Linux and free and open source culture at the *Club Informatique de l'Université de Boumerdes (CIUB)*.

December 2013-April 2015: President of the Informatique de l'Université de Boumerdes (CIUB) club.

studies 🎓

July 2017: Master in *Distributed Computing Systems* from the M'hamed Bougara University of Boumerdes (UMBB), Algeria.

Graduation project titled:
A Contribution to Simultaneous Localization and Mapping (SLAM) in an Unknown Urbain Environnement.

July 2015: Bachelor (Licence) in *Infortonics (InfoTronique) (Computer Sciences and Electronics)* from the M'hamed Bougara University of Boumerdes (UMBB), Algeria.

May-June 2012: Certified *Volunteer Rescuer (First-Aid Diploma)* from the Algerian Civil Defence unit of Boumerdes.

June 2011: High School Diploma (Baccalauréat) in *Technical Mathematics - Mechanical Engineering.*

experience 💼

Since August 2017: Research Engineer withing the Robotics and Industrial Production division, NCRM team, Centre de Développement des Technologies Avancées (CDTA), Baba Hassen, Algiers, Algeria.

October 2017-February 2018: Substitute teacher (Practical courses of Robotics Intelligence module), Saad Dahleb University of Blida, Algeria.

February-July 2017: Final year internship withing the Robotics and Industrial Production division, NCRM team, Centre de Développement des Technologies Avancées (CDTA), Baba Hassen, Algiers, Algeria.

April 2012-January 2018: Freelancer at Upwork[©] [upwork.com/freelancers/~0182f6d9fd530162fb] (ex-oDesk[©]) as programmer, web developper and free and open source solutions integrator with a 4.98/5.00 reputation.

langues 🅰️🌐

Arabic: Native speaker.

English and French: Fluent.

main skills 💡

• **Operating Systems:** GNU/Linux (RedHat, Debian, ArchLinux...), MacOS et Windows.

• Programming under ROS (Robot Operating System).

• **Programming lanuages and frameworks:** C/C++, Python, C#, Node.js/JavaScript, OpenCV, CImg, Angular.js, Express.js, Flask, GTK+, PyGTK, Qt, PyQt, BeautifulSoup...

• **Embedded Systems Programming:** Assembly, Arduino, MikroC, FreeRTOS and mbed/mbed OS (worked with many microcontroller families including MicroChip, Atmel, ARM...).

• **Hardware Modeling:** using VHDL for FPGAs (Xilinx, Altera...).

• **DBMS's:** SQLite, MySQL/MariaDB, ProstgreSQL, MongoDB, Reddis, LittleD...

• **Scientific languages and frameworks:** IPython (SciPy, NumPy, Matplot...), MatLab, Octave, Scilab and Maxima.

• **Code management tools and IDE's:** Git, Mercurial, QtCreator, Atom, VSCode, Visual Studio, MonoDevelop, Eclipse, Glade...

• **Integrating and maintaining the CMS's:** Wordpress, Joomla, Drupal, MediaWiki, OwnCloud...

• **Desktop and design softwares:** LaTeX, Microsoft Office, LibreOffice, OpenOffice.org, Scribus, Inkscape and GIMP.