

Ghizlane LACHGAR

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*Seeking a Job Opportunity or a PhD Placement by the 10th of
September - 23 years old*

Education

- 2012–2015 **ENSTA Bretagne College - Telecommunications Major.**
French Graduate and Post Graduate Engineering School and Research Institute - GRANDE ECOLE
Graduation September 2015
- 2009–2012 **Preparatory Classes**, *Lycée Mohammed V*, Casablanca.
Intensive undergraduate-level preparation in advanced Mathematics and Science for competitive entrance examinations to French Graduate Engineering Schools
- 2009 **High School Diploma in Science and Mathematics**, *Lycée Al Khawarizmy*, Casablanca.
With honors

Experience

- March–September 2015 **Final Project Internship**, CGG (EX CGG VERITAS) *Massy, France*, ENSTA Bretagne.
Developing a "Control and Command System" demonstrator (Hardware and Software) for Land and marine acquisition surveys with special reference to communication infrastructure in remotes areas and Data Centric Publish Subscribe (DCPS) middleware. *Matlab/C++/Java/MOOS-IvP environments*
- July–September 2014 **Assistant Engineer Internship**, LAB-STICC UMR CNRS 6285, ENSTA Bretagne.
Empirical Mode Decomposition and Blind Source Separation Methods for Antijamming. *Matlab/C environment*
- October–June 2014 **Smart Wheelchair Control using EEG**, *ENSTA Bretagne*.
Developing a Low Cost EOG Signal Interface for a Smart Wheelchair with High Accuracy and Reliability. *Matlab/Python environment*
- July–August 2013 **Industrial Placement**, *Hypios SAS*, Paris.
Database and Customer Relationship Management.
- 2012 **Supervised Personal Work**, *Lycée Mohammed V*.
Implementing a Best-Routing ADA Algorithm based on Paris Metro. *ADA environment*

Computer skills

- Basic VHDL, UML
- Intermediate ADS, L^AT_EX, OpenOffice, Linux, Microsoft Windows, OpenGL, OpenCV, ADA, HTML
- Advanced JAVA, MATLAB, Python, C/C++

Languages

- | | | |
|----------|-----------------------|-------------------------------|
| Arabic | Native Speaker | |
| French | Near Native | <i>excellent command</i> |
| English | Near Native | <i>excellent command</i> |
| Chinese | Intermediate | <i>good working knowledge</i> |
| Japanese | Intermediate | <i>good working knowledge</i> |

Interests

- Trecking
- Robotics (NAO Junior Developer)