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** - **Telcommunications 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. Developping 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, LATEX, OpenOffice, Linux, Microsoft Windows, OpenGL, OpenCV, ADA, HTML
Advanced	JAVA, Matlab, Python, C/C++

Languages

Arabic	Native Speaker	
French	Near Native	*excellent command*
English	Near Native	*excellent command*
Chinese	Intermediate	*good working knowledge*
Japanese	Intermediate	*good working knowledge*

Interests

- Trecking
- Robotics (NAO Junior Developer)