

## Alorchi Samir

32 years old, married

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H M Casablanca

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## EDUCATIONS

- ✓ **2012 – 2013** : Higher Technician Diploma in Automation and Industrial Instrumentation at the Higher Industrial Institute of Casablanca.
- ✓ **2011 – 2012** : Certificate of a National Poetry Contest in English "Moroccan Association Friends of English".
- ✓ **2008 – 2009** : DAO Diploma (AUTOCAD, SOLIDWORKS 2D / 3D) at the private commercial and technical business school.
- ✓ **2007 – 2008** : Diploma of Electrical Technician in Industrial Maintenance at the Higher Industrial Institute of Casablanca "ISIC".
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## WORK EXPERIENCES

- **"A2I" (Engineering Departement sector: Railway signaling affiliated with THALES in France) :**  
**From 01/03/09 until today.**
- **Function** Signaling engineering designer.
- **METRO SANTIAGO CHILI PROJECTS:**
  - ❖ Realization and modification of the execution schemas
  - ❖ Manual bounding of relay and cables
- **ONCF projects :**
  - **ETCS (European Train Control System) between Casablanca and Rabat**
    - ❖ List of necessary equipment,
    - ❖ Realization of the interface between the existing signaling and the new system.
    - ❖ Realization of wiring diagrams and implantation of eurobalises in signaling layout plan.
    - ❖ The tour for technical verification to ensure that equipment installations are performed according to the drawings.
  - **Doubling the track between SETTAT and MARRAKECH**
    - ❖ Realization of execution schemas.
- **SNCF projects «Nuits Saint Georges station and Hyères Station, Belfort, Noisy (T1,T4)....»:**
  - ❖ Realization of Signaling layout plan and tracks insulation plan.
  - ❖ Establish the cable wiring diagram, NS1 chassis and input / output assignment
  - ❖ Realization of power supply calculation
  - ❖ Arrangement of switchgear, power supply and substation rooms
  - ❖ Realization of all schemas of electrical circuits and telephonic circuits
  - ❖ Study of the equipment of the operations control centers
  - ❖ Automatic bounding of relay and cables (SCHME SNCF SOFTWARE), and also Manual bounding.
- **TER DAKAR project :**
  - ❖ Realization of Signaling layout plan

- **LUISANCE (lighting and home automation): from 06/10/08 to 30/02/09**
  - **Function** Lighting and electrical designer
- **LAFARGE – CEMENTS Casablanca : 2006 (4 months) / 2008 (5 months)**
  - **Function** Trainer in the electrical maintenance section
  - **Mission**
    - Maintenance of electrical machines
    - TCM reparation
    - Electrical schematics Updates in autocad
    - Dynamic Appliance on HTML et PHP
    - Speed variator settings configuration «Type SEW »
    - Instrumentation

Since 01/01/06 to 30/01/12: Administrator of an international webmagazine « **zt-webzine.on.ma** »

## KNOWLEDGE

- ✓ Electrical engineering
- ✓ Automation « LADDER, GRAFCET ».
- ✓ Electronics
- ✓ Industrial design
- ✓ Office
- ✓ Websites cconception
- ✓ Softwares : Raster, Autocad, PL7 version 4, Swich, Solideworks, See Technical, EPURE "SCHME"...

## LANGUAGES

- ✓ **Arabic** mother tongue
- ✓ **French** formal language
- ✓ **English** good

## INTERESTS

- ✓ Games
- ✓ Music
- ✓ Travelling
- ✓ Associative work