

“looking for a new challenge in China...”

Jean HARRAULT

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Marital status: married
Date of birth: October 30, 1982
Nationality: French

Dual skill Renewable Energy & IT Engineer 5 years international experience in China

Education

- 2009/2011 **Master's degree – Energetic Systems and Renewable Energy**
Science and technology department, University of Corsica Pasquale Paoli (France)
- 2003/2004 **Honours Bachelor's degree**
Software and computing systems, industrial network communication engineering
Science and technology department, Aix-Marseille University III (France)
- 2001/2003 **Higher National Diploma – Computing technology in industrial systems**
Computing department, Nancy I University (France)
- 2000/2001 **A-Levels in Science – Sciences engineering** (electronics and mechanics)

Work experiences

- Jul. 2011 **Sales Engineer in Renewable Energy** **Power-One (ABB group) in Paris, FRANCE**
Till now
Technical and sales support for renewable Energy Business Unit in Central Europe (photovoltaic and wind inverters)
- ✓ Customer relation management
 - ✓ Analysis of customer needs, responses to tenders, preparation and following of commercial offers
 - ✓ Pre-project phase technical and solution expertise, technical validation,
 - ✓ Business process: BOM, RFI, RFT/P, RFQ
 - ✓ Customers and sales team support
 - ✓ Technical and commercial presentations
- Apr. 2011 **Internship: In charge of PLC development** **Vergnet in Orleans, FRANCE**
Jul. 2011
In charge of development and implementation of an owner Programmable Logic Controller to
- ✓ Supervise and control a speed variator/inverter of pump in a solar pumping system in Africa
 - ✓ Control a solar refrigeration system for vaccines
 - ✓ Create a smart grid by controlling the different grid loads in terms of solar energy input and a secondary source
- 2007/2009 **Systems and network engineer** **TLScontact (Teleperformance group) in Beijing, CHINA**
In the framework of the new visa application service for different foreign Embassies in China and abroad – <http://corp.tlscontact.com>
- ✓ Implementation of collaborative tools, knowledge base and dashboard
 - ✓ Involvement in strategical reflexions and decisions
 - ✓ In charge of data and computer network privacy and security
 - ✓ Development and coordination of the implementation of computer systems technical aspects
 - ✓ Setting up and management of highly secure Web servers, LAN and WAN
 - ✓ Animation, coordination and management of the technical team

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- 2004/2007** **Software developer and project manager** **IP Chine in Beijing, CHINA**
 Full life-cycle project management for the French Embassy: calls of tender, technical specifications, supervision of developments and implementations
- ✓ In charge of Web applications, Intranet and extranet development for the French Embassy
 - ✓ Projects specifications and functional analysis implementation
 - ✓ Animation, coordination and management of technical team
 - ✓ Implementation and deployment quality check of the technical IT solutions
- Mar. 2004** **Internship: Junior project manager** **Alcatel R&D in Illkirch, FRANCE**
Jul. 2004
 Development and design of an embedded IT application on the Alcatel's large capacity PABX OmniPCXOffice to remotely control and managing users' handsets from a web browser
- Feb. 2003** **Internship and fixed term contract: Webmaster** **Idep Multimédia in Lyon, FRANCE**
Jul. 2003
 Web application developer and network administrator
- ✓ Development and management of dynamic websites and web applications in PHP/MySQL
 - ✓ Maintenance of IT environment and network, repair, installation and configuration of workstations

Extra-professional projects

- 2009/2010** **University projects**
- ✓ Sizing and design of an hybrid system (PV and wind power with storage) and pumping system for a remote area (Djibouti)
 - ✓ Wind farm set up study in the Corsican island (France)
 - ✓ Design and production of an autonomous CCTV camera fed by renewable energy with Wi-fi connection
 - ✓ Organization and involvement in a “Piggott” wind turbine self-construction training with the Ti'éole association
- 2009/2010** **Personal projects**
- ✓ Creating a collaborative website on the wind power energy topic - <http://eolienne.f4jr.org>
 - ✓ Creating the training website - <http://masterseer.f4jr.org>

Languages, softwares & activities

- Languages** French (mother tongue), English (working knowledge), Mandarin (daily life), German (basic)
- Softwares** MSOffice/OpenOffice, Photoshop/TheGimp, AutoCAD, MS project, CRM (SalesForce)
- REN soft.** Matlab, Fluent, COMSOL, WindFarmer, WindPro, WaSP, Homer, PVSyst, ArcGIS, QGIS, SIMSol, Pleiades
- Sports** Handball (creation of a club in China), swimming, climbing, Alpine and touring skiing
- Interests** Travels, photography, mountaineering
- Misc.** Driving license