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# Pierre Zemb

## French engineer student Software internship



### Education

2012-2014	<b>Engineer student in third year</b> Training over five years in computer science Computer and Network cycle at ISEN Brest
2010	First Certificate of Cambridge
2010-2012	Preparatory classes at ISEN Brest
2009-2010	<b>Baccalauréat Scientifique (secondary education degree)</b> High-school Saint-Louis at Lorient Main subject: Physics-Maths-Chemistry-Biology



### Experiences

2013/2014	<b>Work/Study training program software engineer at Crédit Mutuel Arkea</b> Analysis and implementation of technical metrics on VMware virtualized environments and Windows servers. Merging and upgrading Arkea's version of Apache Flume Pig's script and discovering Hadoop
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June-July 2013	<b>Internship at Credit Mutuel Arkea (French bank)</b> Analysis and implementation of technical metrics on VMware virtualized environments and Windows servers Porting Arkea's version of Flume for Windows (Java) Writing some VBScripts to generating Windows's metrics Writing Powershell/PowerCLI scripts to retrieve VMWare metrics. Internship of seven weeks at the Headquarters
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July 2012	<b>Software internship at Thomson Video Networks</b> Optimizing an heavy Excel program(VBScript) Internship of five weeks at the French Headquarters
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August 2012	<b>Voluntary placement in CAEC at Hennebont</b> Charity work for two weeks Assistance for unemployed to help them find a job
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### Projects

2013/2014	Google Glass app...
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**Framework project: Web interface for ISEN**  
Creation of an Web interface for downloading documents about the start of a school year at ISEN using PHP, AngularJS

2012/2013	<b>«Le Python en Prépa» au édition Or Cabon</b> Writing a book with my class about Python programming for french teachers of preparatory classes.
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**Kinect project: Go Homer !**  
Développement C++ avec Qt et le SDK Officiel Kinect

### Other skills & interests

**Vice-President of the Electronic club of ISEN Brest**  
Managing the club, organizing events and partnership

interest in astronomy, photography, astrophotography

### Software languages

Java (Awt,Swing)  
C++ (Qt)  
C (SDL,Allegro)  
Python( NumPy,SciPy,MatPlotLib)  
Powershell (PowerCLI)

### Web technology

HTML5  
CSS3(SAAS)  
JavaScript (jQuery,AngularJS)  
PHP(Limonade)  
Database (MySQL)  
Apache Server

### integrated development environment

Xcode  
Eclipse  
Sublim Text  
Visual Studio

### Operating System

OSX  
Linux (Ubuntu,Debian)  
Windows

### Other knowledges

MVC Model  
UML,Merise  
Git,SVN  
CISCO(CCNA1-2)  
Flowcode



[www.pierrezemb.fr](http://www.pierrezemb.fr)



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