

## Alexandre Fournier

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French

### Job wanted

**Project Management Junior**

### Resume

- 2 years PM experience
- Fluent English and German

## PROFESSIONAL EXPERIENCE

**THALES Security, Defense & Services- defense department** (*Since 2003 – 5 years*)

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### **Project manager** (*since early 2007 – 2 years*)

- Manage various functional projects of a Post Flight Analysis Software for the French Air Force.
  - ✓ Responsible for the project success managing the triple constraint (scope, time and cost)
  - ✓ Manage 2 team members for requirements definition, architecture design, integration, deployment and maintenance for software development
  - ✓ Re-engineering of the existing system and reviewing existent documentation
  - ✓ Redefinition of the implementation methodology moving from a uncontrolled RAD method to a V cycle in order to improve control and avoid scope creep
  - ✓ Definition of the scope, schedule and cost of the overall program using MS project
  - ✓ Definition of system and software specification and test documentation templates
  - ✓ Requirements definition
- Participate in various Request for Bid to write implementation (using RAD method) and define solutions

### **Software work package manager** (*since april 2008 – 1 year*)

- Manage 12 months software development project with 2 analyst programmers
  - ✓ Applying scaled PM techniques : Software Development Plan, Ms Project and Excel self-developed tools for schedule, cost and risk management , MS Project
  - ✓ Requirements definition, design, software development, tests & integration
  - ✓ Architecture design, integration, deployment and maintenance for software development
  - ✓ GIS software integration for 3D real time requirements
  - ✓ Air-to-Air and Air-to-Ground missile firing simulation module

### **Real-time 3D Engineer** (*2000-2006*)

- Object Orientated Software Developments using C, C++, UML design.

### **Internship periods**

- ▶ 2000 THOMSON-CSF Optronics : Software Engineer, integration of plugs-in in a video special effects software developed with Visual C++ in an European team (6 months).
- ▶ 1999 JACQUOT : Implementation of a Vision Computer Aided Monitoring System in a chocolate factory based on Visual C++ and Labwindows (4 months).
- ▶ 1998 WEISSER GmbH : Programming of digital controlled machines tools for a car equipment manufacturer in Germany (2 months).

## FORMATION

- ▶ 2008 - 5 days • Software project management course (THALES UNIVERSITY)
- ▶ 2008 - 5 days • GIS Software course (Geoconcept, Luciad)
- ▶ 2006 - 2 days • Air-to-Ground arm course
- ▶ 2005 - 5 days • Java for C++ Object programmer course
- ▶ 2000 • Degree of Specialized Studies in Digital Image Engineering (equivalent to engineering school) EGID Institute of Bordeaux.  
*Equivalent to a Master degree in virtual reality*
- ▶ 1997 - 1999 • Master-Engineer Degree in Computer science, Electronic, Automation, Production. Professional University Institute of Amiens.
- ▶ 1994 -1996 • Technician Diploma in Computer science, Electronic, Automation.

## COMPETENCIES

### Project management

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- [PMI](#) (Project Management Institut) member since 2008

### Languages

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- Native French
- Fluent English : Fluent, learned during 10 years, many stays in Florida (over than 5 months).  
Technical English.
- Fluent German : Fluent, learned during 10 years, frequent journeys to Germany

### Method

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- Project life cycles mastery: RAD, V-cycle, DOD-2176A
- Business process mapping
- System design : UML

### Functional

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- Post flight analysis system project management, missile simulation expert, flight data expert real-time 3D

### Technical

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- Programming : C/C++, Java, Open-gl, DirectX, MySQL
- OS : UNIX, IRIX, WINDOWS, LINUX
- GIS : Vega Multi-gen, Geoconcept, Esri, MDE, Luciad
- Office Software : MS Project, MS Office
- Software Configuration Management : RCS, Continuus, Clearcase, CVS

## VARIOUS

- Skydiving (French Level C, 400 jumps)
- Scuba diving (CMAS Level 1)
- Travelling : Morocco, Cuba, USA, Canada, UK, Spain, Portugal, Germany, Italy, Belgium, Taiwan